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THE NEW SHAPE OF RADIO

LET THE GOOD TIMES ROLL

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SUBSCRIPTION RATE INCREASE Increased costs of postage and printing force us to raise RIB and DXLD rates $1 across the board effective 1 June 1995--it's for 10 issues, or only 10¢ per copy. Samples will remain at $2.50 each in North America, US$3 or 7 IRCs elsewhere. Unless you are in a true poverty situation, PLEASE DO NOT order single issues as published, but subscribe for at least 5 issues at half-rates, preferably 10. Fulfilling repeated single-issue orders from the same people greatly increases our workload, and costs them considerably more due to additional postage to mail each order! Single copy sales are supposed to be as samples, to acquaint potential new subscribers with RIB/DXLD.

NEW RATES ARE; for 10 issues to the USA, $26. Canada $27. Mexico $28. Surface outside North America--not recommended--$28. Rest of Americas $32, Europe $35, rest of world $37, all by AO Airmail. Remittances must be in US$ and on a US bank with US magnetic coding imprints, or by international postal money order payable in US$. Multiple-term subscriptions not accepted. There remains a $3 discount if 10 issues of both RIB and DXLD are ordered at same time. Orders received after 31 May 1995 at the old rates from those unaware of the increase will get 9 instead of 10 issues to compensate.

YOU NEED DX LISTENING DIGEST TOO As of 23 May 1995, the closing date for this RIB, there remained a limited supply of extra copies of the latest DXLD, #44, published in April. DXLD reproduces extensive schedules from stations, programming and/or frequencies, in #44 from RFPI, George Jacobs' US clients, WHRI, KWHR, WWCR, WRN, WRMI, WYFR, Norway, Japan, Southern Music Radio, BBC complete SW sked by frequency, all languages, Turkey, DW, VOA by language, relays by RCI, TWR--Albania, South Africa; Amateur Radio Voice Nets & Bulletins Below 30 MHz, 8 pages by time, compiled by John Norfolk; Renamo: The Swazi Connection, original article by Vito Echevarria; extensive Latin American DX monitoring notes by Takyuki Inoue and Henrik Klemetz; publicity for other publications and gh's DX news roundup.

C A N A D A (Larry Shewchuk, April CIDX Messenger) Is it only me, or does listening to Ian Brown host CBC's SUNDAY MORNING leave you with the impression that he really doesn't like talking to people via radio, let alone hosting the show? NOW THE DéTAILS doesn't hesitate to place blame on the media, and gives the listener an inside look at how newsrooms cover important stories. CBC veteran May Lou Findlay hosts, remains one of CBC Radio's best interviewers, Sun 2230, Mon 0231 -- see SHOWS WE LIKE.

D E N M A R K (Stig Hartvig Nielsen, EDXC via Adrian Peterson) European DX Council 95 in Rebild, June 2-5 will operate a special-event SW station authorized by R. Denmark, putting this country briefly back on the SWBC map, R. Station EDXC 95, max 3 hours per day during the 4 conference days, probably at 08, 16, and 22 UT. Out of band frequency requests were refused, so these are now possibilities: 3955, 6050, 6200, 7120, 7140, 7205, 7280, 15175, 15260, 15355, 15420, 15450, 17705, 17725, 17790. Power 100-500 watts with basic aerials. Correct reports will get special QSL; listeners in Europe and North America must include return postage of 2 IRCs or US$2, to EDXC 95, P O Box 48, DK-5200 Odense V.

E U R O P E (J. R. Garcia) R. Piraña Internacional, 13950-LSB, was heard [by Ed Rausch, NJ at least] in North America during April tests; we will try again Sundays in June, especially the 18th and 25th, for sure, before that 50% chance, 0500-0700 to NZ/Au via longpath across SAm; 19-20 NAm, 20-21 SAm. Use this maildrop: P O Box 220342, D-42373 Wuppertal, Germany.

F R A N C E (gh) RFI English to us at 1200-1300 on 13625 the first few weeks of Z95 had a horrible pre-echo; they were running both French Guiana and France transmitters co-channel, but forgot they had to be synchronized!! New program sked via Rachel Baughn, MONITORING TIMES, shows Mon-Fri the first or second item is RFI EUROPE; also: Mon, ARTS IN FRANCE, SPORTS. Tue, FRANCE TODAY, BOOKS, SCIENCE PROBE Wed, THE BOTTOM LINE, LAND OF FRANCE. Thu, SPORTS, THE AMERICAS, NORTH/SOUTH or PLANET EARTH. Fri, FILM REEL, MADE IN FRANCE. Sat, FOCUS ON FRANCE, SPOTLIGHT ON AFRICA, FRENCH LESSON. Sun, ASIAN or AFRICAN ANALYSIS, PARIS PROMENADE, EVERY WOMAN or COUNTERPOINT, CLUB 9516.

G E R M A N Y (Tim Hendel, FL) Last November, gh announced a STADTBUMMEL program on WORLD OF RADIO, from Spremberg, discussing their local dialect; naturally, I listened, and decided to enter their contest. In late January I received a letter telling me that I had won first prize--an all-expense paid trip to Germany for one week. I am hoping to go this summer. [STADTBUMMEL appears bi-monthly on DW in German, but with multi-lingual segments, including English; next one should be either July 23 or 30 Sunday at 0532, 1332, 2132 for a sesquihour --gh]

P O R T U G A L (via Gigi Lytle, TX) RDP International, English weekdays at 0130-0200 on 9570 and 6175--an incredibly stupid choice conflicting with BBC, Iran, instead of clear 6075 previously used! After NEWS, Tue VISITOR'S NOTEBOOK, Wed MUSICAL KALEIDESCOPE [sic], Thu CHALLENGE OF THE 90s, Fri SPOTLIGHT ON PORTUGAL, Sat LISTENERS' MAILBAG alt with DX PROGRAM, COLLECTORS' CORNER.

R O M A N I A (via Rachel Baughn, MT) RRI new sked from May 1, 1995: features in 1-hour pgms at 1430, 1900, 2100, 0200, 0645: Mon PAGES OF ROMANIAN LITERATURE, ROM. HITS, SPECIAL PROGRAM FOR RADIO AMATEURS. Tue ROMANIAN ANGLICISTS, YOUTH CLUB. Wed WOMEN--THE OTHER FORCE, ROM. MUSICIANS, PARTNERS IN A CHANGING WORLD. Thu LISTENERS' LETTERBOX, SKYLARK. Fri, RADIO PICTURES, ROM. FOLKMUSIC AT ITS BEST. Sat WORLD OF CULTURE, THRU BUCHAREST ALONG THE CENTURIES or POINT-COUNTERPOINT, DX MAILBAG. On weekdays these are repeated next day at 1300, and Pac one day later. Sun at 13, 19, 02 SUNDAY STUDIO (including LETTERBOX, INTERVIEWS, MISCELLANEA, MUSIC); Sun 1430, 21, 0645 RADIO TOUR, LBOX, SKYLARK

RRI's half-hour programs for Af at 0530, 1730; NAm at 0400, local days: Mon PRO-MEMORIA, Tue BUSINESS CLUB, Wed SOCIETY, Thu CITIZENS OF THE SAME COUNTRY, Fri 0530 LETTERBOX, Fri EUROPEAN OPTIONS, Sat THE WEEK, WORLD OF CULTURE. Sun RADIO TOUR--ROMANIAN ITINERARIES.

U K O G B A N I (Will Martin, MO) Re the BBC "slipstreaming". I described this as "the destruction of the World Service" in some E-mail I sent to the BBC back last year when I first heard of the plan,and I stand by that description. They disagreed, of course. But it is an important factor in a WORLD service that the programming be world-wide and simultaneous. Sure, there can be supplemental area--specific programs (like CALLING THE FALKLANDS, African Alternatives), but the general program stream should be the same all over the world, so that you are listening to the same stuff at any given instant, whether you are in San Francisco, Singapore or Sarajevo. The BBC promos on this all refer to the scheduling problems of some programming being aired at inconvenient times. But what they've done has NOT solved this, and has simply made things difficult for the listeners. For an obvious example, look at WAVEGUIDE. It was on a sked with at lest one airing, UT Thu 0130, perfectly times for the Americas. Now that one is gone, and the only advertised Americas-stream airings are in the middle of the night! [0845 UT, but actually there is one at 1235 Fri -gh] The BBC could have just adjusted the repeat sked a little better and left the general approach in place. Instead, they decided to go with a drastic shake-up hurting everyone involved. I believe the main motivation is to make BBC news the centerpiece, and relegate all other programming to inferior status. News is NOT the sôle raison d'être of the BBC. Many listeners value feature and informational programming far more than their news.

(Tim Hendel, FL) No one asked for it. Judging from letters to WRITE ON, no one wants it. Still, some bureaucrat decided to go ahead with it. Announcements should include which stream you are hearing.

(gh) I am totally fed up with the BBC WS! I'm not opposed to change, if it is an improvement, but this clearly is not. Far too many hours are now at least 50% news. Far too many feature programs have only one airing on SW on our stream, and frequency-hours have been reduced; there's less audible in the mornings, less in the afternoons, yet late night one good frequency, 9640 stays on until 0815! I wouldn't care too much if they totally jumbled all programs at random, IF I knew when they were coming. But I have a horror story without equal re BBC WORLDWIDE. Just a few years ago, BBC ws happy to send me a complimentary LONDON CALLING each month, which I put to very good use in publicizing BBC programming in advance here, on WORLD OF RADIO, my weekly SHORTWAVES newspaper column, and in MONITORING TIMES. Then with the new magazine they decided I'd have to buy a subscription. OK, I shelled out $32, the discount renewal rate as of last Sept. Comes Dec, and my last issue, and more renewal notices--seems they never got the $32 cheque even tho I put it in their own supplied envelope, airmail. OK, I airmail a second $32 cheque to London in another of their envelopes. Comes Feb, still no BBCW, so I call their office collect in London. So sorry, no cheques received, could you possibly send another? Grrrr... OK, the two earlier cheques had not cleared, so off goes a third, this time in an anonymous-looking envelope. March: yes, they received it, and will finally renew my sub. April: still no subscription copy, altho they sent an individual copy of the April issue. Now I have to talk to the fulfillment service in New Jersey which handles NAm subs. They have no record of my renewal. Must fax both sides of my now-cleared & canceled third cheque. How about sending me direct a copy of the May issue until my sub kicks in, will that be June? No can do, and don't know when! This is the thanks I get for being all too eager to give BBC free publicity for decades? Screw them! However,

FROM: DPUTNICK@ALUMNI.CALTECH.EDU (DONALD R. PUTNICK)(via G Thurmar
NEWSGROUPS: REC.RADIO.SHORTWAVE -VSFNET
SUBJECT: BBC WSE Z-95 TRANSMISSION SCHEDULE (LONG - SORTED)
DATE: 7 APR 1995 16:47:36 GMT

THANKS, DAN. HERE ARE THE WSE FREQUENCIES SORTED BY TIME. THIS SHOULD HELP SOMEWHAT IN FINDING ALTERNATE FREQUENCIES FROM DIFFERENT STREAMS.

BBC Z-95 WSE TRANSMISSION SCHEDULE SORTED BY ON TIME, OFF TIME, FREQUEN

FREQ	TIME (GMT) ON	OFF	DAYS	SITE	KW	DEG	LANGUAGE	TARGE
7110	0000	0030	SMTWTFS	SINGAPORE	100	0	WSE AS/PAC	SE AS
9580	0000	0030	SMTWTFS	HONG KONG	250	10	WSE AS/PAC	FE
9590	0000	0030	SMTWTFS	SACKVILLE	250	268	WSE AMERICAS	N AM
11945	0000	0030	SMTWTFS	YAMATA	300	290	WSE AS/PAC	FE
15280	0000	0030	SMTWTFS	HONG KONG	250	25	WSE AS/PAC	FE
5965	0000	0100	SMTWTFS	MASIRAH	100	45	WSE S ASIA	S AS
5965	0000	0100	SMTWTFS	MASIRAH	100	92	WSE S ASIA	S AS
7205	0000	0100	SMTWTFS	CYPRUS	250	77	WSE AS/PAC	AS
15360	0000	0100	SMTWTFS	SINGAPORE	100	13	WSE AS/PAC	SE AS
6195	0000	0200	SMTWTFS	SINGAPORE	125	0	WSE AS/PAC	SE AS
6195	0000	0200	SMTWTFS	SINGAPORE	125	ND	WSE AS/PAC	SE AS
9410	0000	0200	SMTWTFS	CYPRUS	300	101	WSE S ASIA	S AS
11750	0000	0200	SMTWTFS	ASCENSION	250	245	WSE AMERICAS	S AM
7325	0000	0230	SMTWTFS	SKELTON	300	260	WSE AMERICAS	C AM
11955	0000	0300	SMTWTFS	SINGAPORE	250	315	WSE S ASIA	S AS
5970	0000	0330	SMTWTFS	ASCENSION	250	245	WSE AMERICAS	S AM
7325	0000	0330	SMTWTFS	RAMPISHAM	500	300	WSE AMERICAS	N AM
7325	0000	0330	SMTWTFS	WOOFFERTON	250	320	WSE AMERICAS	N AM
9915	0000	0330	SMTWTFS	SKELTON	300	230	WSE AMERICAS	S AM
5975	0000	0430	SMTWTFS	ANTIGUA	250	ND	WSE AMERICAS	C N A
6175	0000	0430	SMTWTFS	SACKVILLE	250	268	WSE AMERICAS	N AM
9590	0030	0230	SMTWTFS	DELANO	250	126	WSE AMERICAS	C S A
6180	0100	0300	SMTWTFS	CYPRUS	250	77	WSE AS/PAC	AS
9605	0100	0300	SMTWTFS	MASIRAH	100	45	WSE S ASIA	S AS
9605	0100	0300	SMTWTFS	MASIRAH	100	92	WSE S ASIA	S AS
15360	0100	0330	SMTWTFS	SINGAPORE	100	13	WSE AS/PAC	SE AS
15360	0100	0330	SMTWTFS	SINGAPORE	100	65	WSE AS/PAC	SE AS
6135	0200	0330	SMTWTFS	SEYCHELLES	250	280	WSE AFRICA	E AF
6195	0200	0330	SMTWTFS	SKELTON	250	70	WSE EUR/ME/FSU	EUR
9410	0200	0330	SMTWTFS	RAMPISHAM	500	62	WSE EUR/ME/FSU	N EUR
9410	0200	0330	SMTWTFS	SKELTON	300	110	WSE EUR/ME/FSU	EUR
9760	0200	0330	SMTWTFS	CYPRUS	300	101	WSE S ASIA	S AS
6180	0300	0330	SMTWTFS	CYPRUS	250	327	WSE EUR/ME/FSU	EUR
15380	0300	0330	.MTWTF.	SINGAPORE	250	315	WSE AS/PAC	SE AS
6005	0300	0400	SMTWTFS	ASCENSION	250	27	WSE AFRICA	W AF
6005	0300	0400	SMTWTFS	ASCENSION	250	102	WSE AFRICA	S AF
12095	0300	0400	SMTWTFS	CYPRUS	250	173	WSE EUR/ME/FSU	ME
9605	0300	0430	SMTWTFS	CYPRUS	300	89	WSE S ASIA	S AS
3255	0300	0600	SMTWTFS	LESOTHO	100	ND	WSE AFRICA	S AF
6190	0300	0600	SMTWTFS	LESOTHO	100	15	WSE AFRICA	S AF
9600	0300	0800	SMTWTFS	ASCENSION	250	102	WSE AFRICA	S AF
11760	0300	0915	SMTWTFS	MASIRAH	100	305	WSE EUR/ME/FSU	ME
15310	0300	0915	SMTWTFS	MASIRAH	100	45	WSE S ASIA	S AS
15310	0300	0915	SMTWTFS	MASIRAH	100	92	WSE S ASIA	S AS
9610	0330	0430	SMTWTFS	SEYCHELLES	250	270	WSE AFRICA	E AF
11730	0330	0500	SMTWTFS	SEYCHELLES	250	280	WSE AFRICA	E AF
11955	0330	0500	SMTWTFS	HONG KONG	250	10	WSE AS/PAC	FE
15280	0330	0900	SMTWTFS	HONG KONG	250	25	WSE AS/PAC	FE
3955	0400	0430	SMTWTFS	SKELTON	250	180	WSE EUR/ME/FSU	EUR
6180	0400	0430	SMTWTFS	CYPRUS	250	327	WSE EUR/ME/FSU	EUR
6195	0400	0430	SMTWTFS	SKELTON	250	70	WSE EUR/ME/FSU	EUR
6195	0400	0430	SMTWTFS	RAMPISHAM	500	105	WSE EUR/ME/FSU	EUR
6195	0400	0430	SMTWTFS	SKELTON	250	165	WSE EUR/ME/FSU	EUR
9410	0400	0430	SMTWTFS	RAMPISHAM	500	62	WSE EUR/ME/FSU	N EUR
9410	0400	0430	SMTWTFS	SKELTON	300	110	WSE EUR/ME/FSU	EUR
9410	0400	0430	SMTWTFS	SKELTON	250	175	WSE EUR/ME/FSU	EUR
12095	0400	0430	SMTWTFS	WOOFFERTON	250	58	WSE EUR/ME/FSU	EUR
12095	0400	0430	SMTWTFS	SKELTON	250	110	WSE EUR/ME/FSU	EUR
12095	0400	0430	SMTWTFS	WOOFFERTON	250	140	WSE EUR/ME/FSU	EUR
15575	0400	0600	SMTWTFS	CYPRUS	300	92	WSE EUR/ME/FSU	W AS

17640	0400	0700	SMTWTFS	Cyprus	250	173	WSE	EUR/ME/FSU	ME	6190	1000	1600	SMTWTFS	Lesotho	100	ND	WSE	AFRICA	S AF
6005	0400	0715	SMTWTFS	Ascension	250	27	WSE	AFRICA	W AF	1940	1000	1600	SMTWTFS	Lesotho	100	15	WSE	AFRICA	S AF
7160	0400	0715	SMTWTFS	Ascension	250	65	WSE	AFRICA	W C A	9410	1045	1130	.MTWTFS	Rampisham	500	95	WSE	EUR/ME/FSU	EUR
5975	0430	0600	SMTWTFS	Antigua	250	290	WSE	AMERICAS	C N A	9410	1045	1130	S.....	Skelton	300	110	WSE	EUR/ME/FSU	EUR
3955	0500	0600	SMTWTFS	Skelton	250	180	WSE	EUR/ME/FSU	EUR	9410	1045	1130	.MTWTFS	Rampisham	500	168	WSE	EUR/ME/FSU	EUR
12095	0500	0600	SMTWTFS	Woofferton	250	58	WSE	EUR/ME/FSU	EUR	9410	1045	1130	S.....	Skelton	250	175	WSE	EUR/ME/FSU	EUR
12095	0500	0600	SMTWTFS	Skelton	250	110	WSE	EUR/ME/FSU	EUR	12095	1045	1130	.MTWTFS	Woofferton	250	78	WSE	EUR/ME/FSU	EUR
6195	0500	0630	SMTWTFS	Rampisham	500	105	WSE	EUR/ME/FSU	EUR	12095	1045	1130	S.....	Skelton	250	90	WSE	EUR/ME/FSU	EUR
15420	0500	0630	SMTWTFS	Seychelles	250	270	WSE	AFRICA	E AF	12095	1045	1130	.MTWTFS	Woofferton	300	180	WSE	EUR/ME/FSU	EUR
17885	0500	0630	SMTWTFS	Seychelles	250	270	WSE	AFRICA	E AF	12095	1045	1130	S.....	Skelton	250	197	WSE	EUR/ME/FSU	EUR
6180	0500	0730	SMTWTFS	Cyprus	250	327	WSE	EUR/ME/FSU	EUR	15070	1045	1130	S.....	Skelton	250	110	WSE	EUR/ME/FSU	EUR
6195	0500	0730	SMTWTFS	Skelton	250	70	WSE	EUR/ME/FSU	EUR	15070	1045	1130	.MTWTFS	Woofferton	300	114	WSE	EUR/ME/FSU	EUR
6195	0500	0730	SMTWTFS	Skelton	250	165	WSE	EUR/ME/FSU	EUR	17640	1045	1130	S.....	Skelton	300	140	WSE	EUR/ME/FSU	EUR
9410	0500	0730	SMTWTFS	Rampisham	500	62	WSE	EUR/ME/FSU	N EUR	17640	1045	1130	.MTWTFS	Woofferton	250	140	WSE	EUR/ME/FSU	EUR
9640	0500	0800	SMTWTFS	Antigua	125	235	WSE	AMERICAS	S AM	17640	1045	1500	SMTWTFS	Woofferton	250	70	WSE	EUR/ME/FSU	EUR
9640	0500	0800	SMTWTFS	Antigua	125	290	WSE	AMERICAS	C N A	12095	1045	2000	SMTWTFS	Woofferton	250	140	WSE	EUR/ME/FSU	EUR
15360	0500	0800	SMTWTFS	Singapore	125	38	WSE	AS/PAC	SE AS	15070	1045	2000	SMTWTFS	Rampisham	500	62	WSE	EUR/ME/FSU	N EUR
15360	0500	0800	SMTWTFS	Singapore	125	135	WSE	AS/PAC	OC	15070	1045	2000	SMTWTFS	Woofferton	250	170	WSE	EUR/ME/FSU	EUR
12095	0500	0815	SMTWTFS	Woofferton	250	140	WSE	EUR/ME/FSU	EUR	9700	1100	1130	SMTWTFS	Rangitaki	100	325	WSE	AS/PAC	OC
9740	0500	0900	SMTWTFS	Singapore	250	0	WSE	AS/PAC	SE AS	15190	1100	1130	SMTWTFS	Ascension	250	235	WSE	AMERICAS	S AM
11955	0500	0900	SMTWTFS	Singapore	125	38	WSE	AS/PAC	SE AS	15400	1100	1130	SMTWTFS	Ascension	250	27	WSE	AFRICA	W AF
11955	0500	0900	SMTWTFS	Singapore	125	135	WSE	AS/PAC	OC	17790	1100	1130	SMTWTFS	Ascension	250	245	WSE	AMERICAS	S AM
9410	0500	1000	SMTWTFS	Skelton	300	110	WSE	EUR/ME/FSU	EUR	5965	1100	1200	SMTWTFS	Sackville	250	240	WSE	AMERICAS	N AM
9410	0500	1000	SMTWTFS	Skelton	250	175	WSE	EUR/ME/FSU	EUR	11765	1100	1245	SMTWTFS	Yamata	300	290	WSE	AS/PAC	FE
15070	0600	0700	SMTWTFS	Skelton	250	110	WSE	EUR/ME/FSU	EUR	9575	1100	1300	SMTWTFS	Hong Kong	250	10	WSE	AS/PAC	FE
15400	0600	0730	SMTWTFS	Skelton	300	180	WSE	AFRICA	W AF	11955	1100	1300	SMTWTFS	Hong Kong	250	6	WSE	AS/PAC	FE
15575	0600	0730	SMTWTFS	Cyprus	300	92	WSE	EUR/ME/FSU	W AS	15360	1100	1300	SMTWTFS	Singapore	100	13	WSE	AS/PAC	SE AS
15575	0600	0730	SMTWTFS	Cyprus	250	280	WSE	EUR/ME/FSU	N AF	6195	1100	1400	SMTWTFS	Antigua	250	ND	WSE	AMERICAS	C N A
15575	0600	0730	SMTWTFS	Cyprus	300	330	WSE	EUR/ME/FSU	EUR	17830	1100	1430	SMTWTFS	Ascension	250	65	WSE	AFRICA	W C A
6190	0600	0815	SMTWTFS	Lesotho	100	ND	WSE	AFRICA	S AF	21660	1100	1430	SMTWTFS	Ascension	250	114	WSE	AFRICA	S AF
11940	0600	0815	SMTWTFS	Lesotho	100	15	WSE	AFRICA	S AF	9515	1100	1715	SMTWTFS	Sackville	250	268	WSE	AMERICAS	N AM
17790	0600	0915	SMTWTFS	Masirah	100	92	WSE	S ASIA	S AS	11750	1100	1800	SMTWTFS	Singapore	250	320	WSE	S ASIA	S AS
12095	0600	1000	SMTWTFS	Skelton	250	90	WSE	EUR/ME/FSU	EUR	9410	1130	1400	SMTWTFS	Skelton	300	110	WSE	EUR/ME/FSU	EUR
15420	0630	0700	.MTWTF.	Cyprus	250	175	WSE	AFRICA	E AF	17640	1130	1500	SMTWTFS	Skelton	300	140	WSE	EUR/ME/FSU	EUR
15420	0630	0700	S.....S	Seychelles	250	270	WSE	AFRICA	E AF	9410	1130	1600	SMTWTFS	Skelton	250	175	WSE	EUR/ME/FSU	EUR
17885	0630	0700	.MTWTF.	Cyprus	250	173	WSE	AFRICA	E AF	9740	1130	1615	SMTWTFS	Singapore	125	38	WSE	AS/PAC	SE AS
17885	0630	0900	S.....S	Seychelles	250	270	WSE	AFRICA	E AF	9740	1130	1615	SMTWTFS	Singapore	125	135	WSE	AS/PAC	OC
11860	0700	0715	SMTWTFS	Meyerton	500	350	WSE	AFRICA	AF	17705	1130	1615	SMTWTFS	Skelton	250	175	WSE	EUR/ME/FSU	EUR
17830	0700	0730	SMTWTFS	Meyerton	500	350	WSE	AFRICA	AF	12095	1130	2000	SMTWTFS	Skelton	250	90	WSE	EUR/ME/FSU	EUR
17640	0700	0800	SMTWTFS	Skelton	300	140	WSE	EUR/ME/FSU	EUR	12095	1130	2000	SMTWTFS	Skelton	250	197	WSE	EUR/ME/FSU	EUR
7325	0700	0815	SMTWTFS	Woofferton	250	140	WSE	EUR/ME/FSU	EUR	15070	1130	2000	SMTWTFS	Skelton	250	110	WSE	EUR/ME/FSU	EUR
12095	0700	0815	SMTWTFS	Skelton	250	197	WSE	EUR/ME/FSU	EUR	11865	1200	1615	SMTWTFS	Antigua	125	235	WSE	AMERICAS	S AM
15070	0700	1000	SMTWTFS	Skelton	250	110	WSE	EUR/ME/FSU	EUR	11865	1200	1615	SMTWTFS	Antigua	125	300	WSE	AMERICAS	C N A
15070	0700	1000	SMTWTFS	Skelton	250	175	WSE	EUR/ME/FSU	EUR	11765	1245	1300	SMTWTFS	Singapore	100	13	WSE	AS/PAC	SE AS
15575	0730	0900	S.....S	Cyprus	250	92	WSE	EUR/ME/FSU	W AS	15420	1300	1400	SMTWTFS	Seychelles	250	280	WSE	AFRICA	E AF
15400	0730	1000	SMTWTFS	Ascension	250	27	WSE	AFRICA	W AF	17695	1300	1500	SMTWTFS	Rampisham	500	62	WSE	AS/PAC	AS
15400	0730	1000	SMTWTFS	Ascension	250	102	WSE	AFRICA	S AF	21470	1300	1500	SMTWTFS	Cyprus	300	175	WSE	EUR/ME/FSU	ME
17830	0730	1000	SMTWTFS	Ascension	250	65	WSE	AFRICA	W C A	7180	1300	1615	SMTWTFS	Hong Kong	250	10	WSE	AS/PAC	FE
15070	0800	0815	SMTWTFS	Rampisham	500	62	WSE	EUR/ME/FSU	N EUR	9410	1400	2000	SMTWTFS	Skelton	250	105	WSE	EUR/ME/FSU	EUR
17640	0800	0945	S.....	Woofferton	250	70	WSE	EUR/ME/FSU	EUR	11860	1500	1530	SMTWTFS	Seychelles	250	270	WSE	AFRICA	E AF
17640	0800	0945	.....F.	Woofferton	250	70	WSE	EUR/ME/FSU	EUR	15420	1500	1530	SMTWTFS	Seychelles	250	280	WSE	AFRICA	E AF
17640	0800	0945	......S	Skelton	300	95	WSE	EUR/ME/FSU	EUR	17880	1500	1530	SMTWTFS	Ascension	250	65	WSE	AFRICA	W C A
17640	0800	0945	.MTWT..	Skelton	300	95	WSE	EUR/ME/FSU	EUR	21490	1500	1530	SMTWTFS	Ascension	250	85	WSE	AFRICA	C AF
17640	0800	1000	SMTWTFS	Skelton	300	140	WSE	EUR/ME/FSU	EUR	5975	1500	1615	SMTWTFS	Masirah	100	45	WSE	S ASIA	S AS
7325	0815	0915	S.....	Woofferton	250	140	WSE	EUR/ME/FSU	EUR	5975	1500	1615	SMTWTFS	Masirah	100	92	WSE	S ASIA	S AS
7325	0815	0915	.....F.	Woofferton	250	140	WSE	EUR/ME/FSU	EUR	21470	1500	1700	SMTWTFS	Cyprus	300	175	WSE	AFRICA	E AF
7325	0815	0915	......S	Skelton	250	150	WSE	EUR/ME/FSU	EUR	11775	1500	1715	SMTWTFS	Sackville	250	285	WSE	AMERICAS	N AM
7325	0815	0915	.MTWT..	Skelton	250	150	WSE	EUR/ME/FSU	EUR	9575	1530	1600	.MTWTF.	Hong Kong	250	6	WSE	AS/PAC	FE
6190	0815	1000	S.....S	Lesotho	100	ND	WSE	AFRICA	S AF	11765	1530	1600	.MTWTF.	Singapore	100	13	WSE	AS/PAC	SE AS
11940	0815	1000	S.....S	Lesotho	100	15	WSE	AFRICA	S AF	15400	1530	1700	SMTWTFS	Ascension	250	27	WSE	AFRICA	W AF
12095	0815	1000	SMTWTFS	Skelton	250	150	WSE	EUR/ME/FSU	EUR	21660	1530	1700	SMTWTFS	Ascension	250	114	WSE	AFRICA	S AF
12095	0815	1000	SMTWTFS	Skelton	300	195	WSE	EUR/ME/FSU	EUR	17830	1530	2100	SMTWTFS	Ascension	250	65	WSE	AFRICA	W C A
15070	0815	1000	S.....	Rampisham	500	62	WSE	EUR/ME/FSU	N EUR	3915	1600	1745	SMTWTFS	Singapore	100	0	WSE	AS/PAC	SE AS
15070	0815	1000	.MTWTFS	Skelton	250	70	WSE	EUR/ME/FSU	EUR	9410	1600	2000	SMTWTFS	Skelton	250	58	WSE	EUR/ME/FSU	EUR
9575	0900	0915	SMTWTFS	Hong Kong	250	10	WSE	AS/PAC	FE	9410	1600	2000	SMTWTFS	Skelton	300	180	WSE	EUR/ME/FSU	EUR
11765	0900	0915	SMTWTFS	Yamata	300	290	WSE	AS/PAC	FE	3255	1600	2200	SMTWTFS	Lesotho	100	ND	WSE	AFRICA	S AF
11955	0900	0915	SMTWTFS	Hong Kong	250	25	WSE	AS/PAC	FE	6190	1600	2200	SMTWTFS	Lesotho	100	15	WSE	AFRICA	S AF
15360	0900	0915	SMTWTFS	Singapore	100	13	WSE	AS/PAC	SE AS	11860	1615	1645	S.....S	Seychelles	250	270	WSE	AFRICA	E AF
15575	0900	0930	SMTWTFS	Cyprus	250	92	WSE	EUR/ME/FSU	W AS	5975	1615	1700	SMTWTFS	Masirah	100	45	WSE	S ASIA	S AS
15190	0900	1000	SMTWTFS	Ascension	250	245	WSE	AMERICAS	S AM	15420	1615	1700	SMTWTFS	Seychelles	250	280	WSE	AFRICA	E AF
17705	0900	1000	SMTWTFS	Skelton	250	175	WSE	EUR/ME/FSU	EUR	7180	1615	1745	SMTWTFS	Singapore	100	0	WSE	AS/PAC	SE AS
15280	0900	1030	SMTWTFS	Singapore	125	38	WSE	AS/PAC	SE AS	9510	1615	1830	SMTWTFS	Masirah	100	92	WSE	S ASIA	S AS
15280	0900	1030	SMTWTFS	Singapore	125	135	WSE	AS/PAC	OC	9740	1615	1830	SMTWTFS	Singapore	250	270	WSE	S ASIA	S AS
17830	0900	1030	SMTWTFS	Singapore	100	40	WSE	AS/PAC	SE AS	9740	1615	1830	SMTWTFS	Singapore	250	315	WSE	S ASIA	S AS
11750	0900	1100	SMTWTFS	Singapore	100	320	WSE	S ASIA	S AS	11860	1645	1700	SMTWTFS	Seychelles	250	270	WSE	AFRICA	E AF
9740	0900	1130	SMTWTFS	Singapore	100	55	WSE	AS/PAC	SE AS	6005	1700	1745	SMTWTFS	Seychelles	250	285	WSE	AFRICA	E AF
9740	0900	1130	SMTWTFS	Singapore	250	0	WSE	AS/PAC	SE AS	9630	1700	1745	SMTWTFS	Seychelles	250	270	WSE	AFRICA	E AF
17885	0900	1400	SMTWTFS	Seychelles	250	270	WSE	AFRICA	E AF	5975	1700	1830	SMTWTFS	Singapore	250	320	WSE	S ASIA	S AS
6195	0900	1615	SMTWTFS	Singapore	125	0	WSE	AS/PAC	SE AS	6180	1700	1900	SMTWTFS	Cyprus	250	327	WSE	EUR/ME/FSU	EUR
6195	0900	1615	SMTWTFS	Singapore	125	ND	WSE	AS/PAC	SE AS	6195	1700	1900	SMTWTFS	Rampisham	500	105	WSE	EUR/ME/FSU	EUR
15575	0930	1500	SMTWTFS	Cyprus	250	77	WSE	EUR/ME/FSU	W AS	11860	1700	1900	SMTWTFS	Meyerton	250	19	WSE	AFRICA	AF
15575	0930	1500	SMTWTFS	Cyprus	250	117	WSE	EUR/ME/FSU	ME	15400	1700	1915	SMTWTFS	Ascension	250	27	WSE	AFRICA	W AF
17640	0945	1030	SMTWTFS	Woofferton	250	70	WSE	EUR/ME/FSU	EUR	15400	1700	1915	SMTWTFS	Ascension	250	102	WSE	AFRICA	S AF
9410	1000	1030	.MTWTFS	Rampisham	500	95	WSE	EUR/ME/FSU	EUR	7160	1715	1830	SMTWTFS	Masirah	100	345	WSE	EUR/ME/FSU	ME
9410	1000	1030	S.....	Skelton	300	110	WSE	EUR/ME/FSU	EUR	11955	1800	2100	SMTWTFS	Singapore	250	135	WSE	AS/PAC	OC
9410	1000	1030	.MTWTFS	Rampisham	500	168	WSE	EUR/ME/FSU	EUR	6005	1830	2100	SMTWTFS	Seychelles	250	285	WSE	AFRICA	E AF
9410	1000	1030	S.....	Skelton	250	175	WSE	EUR/ME/FSU	EUR	9740	1830	2100	SMTWTFS	Singapore	250	135	WSE	AS/PAC	OC
12095	1000	1030	.MTWTFS	Woofferton	250	78	WSE	EUR/ME/FSU	EUR	9630	1830	2130	SMTWTFS	Seychelles	250	270	WSE	AFRICA	E AF
12095	1000	1030	S.....	Skelton	250	90	WSE	EUR/ME/FSU	EUR	5975	1900	2000	SMTWTFS	Masirah	100	345	WSE	EUR/ME/FSU	ME
12095	1000	1030	SMTWTFS	Woofferton	250	140	WSE	EUR/ME/FSU	EUR	6180	1900	2000	SMTWTFS	Cyprus	250	7	WSE	EUR/ME/FSU	RUSS
12095	1000	1030	.MTWTFS	Woofferton	300	180	WSE	EUR/ME/FSU	EUR	6180	1900	2000	SMTWTFS	Cyprus	250	327	WSE	EUR/ME/FSU	EUR
12095	1000	1030	S.....	Skelton	250	197	WSE	EUR/ME/FSU	EUR	6195	1900	2000	SMTWTFS	Skelton	250	70	WSE	EUR/ME/FSU	EUR
15070	1000	1030	SMTWTFS	Rampisham	500	62	WSE	EUR/ME/FSU	N EUR	6195	1900	2000	SMTWTFS	Rampisham	500	105	WSE	EUR/ME/FSU	EUR
15070	1000	1030	S.....	Skelton	250	110	WSE	EUR/ME/FSU	EUR	6195	1900	2000	SMTWTFS	Skelton	250	165	WSE	EUR/ME/FSU	EUR
15070	1000	1030	.MTWTFS	Woofferton	300	114	WSE	EUR/ME/FSU	EUR	15400	1915	1930	SMTWTFS	Ascension	250	27	WSE	AFRICA	W AF
15070	1000	1030	SMTWTFS	Woofferton	250	170	WSE	EUR/ME/FSU	EUR	11835	1930	2100	SMTWTFS	Ascension	250	27	WSE	AFRICA	W AF
17640	1000	1030	.MTWTFS	Woofferton	250	140	WSE	EUR/ME/FSU	EUR	11835	1930	2100	SMTWTFS	Ascension	250	102	WSE	AFRICA	S AF
17640	1000	1030	S.....	Skelton	300	140	WSE	EUR/ME/FSU	EUR	15400	1930	2130	SMTWTFS	Skelton	300	180	WSE	AFRICA	W AF
15190	1000	1100	S.....S	Ascension	250	235	WSE	AMERICAS	S AM	11750	2000	2400	SMTWTFS	Ascension	250	245	WSE	AMERICAS	S AM
15400	1000	1100	S.....S	Ascension	250	27	WSE	AFRICA	W AF	15070	2030	2130	SMTWTFS	Woofferton	250	170	WSE	EUR/ME/FSU	EUR
15400	1000	1100	.MTWTF.	Meyerton	250	352	WSE	AFRICA	AF	6180	2030	2200	SMTWTFS	Cyprus	250	7	WSE	EUR/ME/FSU	RUSS
17830	1000	1100	S.....S	Ascension	250	65	WSE	AFRICA	W C A	6180	2030	2200	SMTWTFS	Cyprus	250	327	WSE	EUR/ME/FSU	EUR
17830	1000	1100	.MTWTF.	Meyerton	250	350	WSE	AFRICA	AF	6195	2030	2230	SMTWTFS	Skelton	250	70	WSE	EUR/ME/FSU	EUR
17705	1000	1130	.MTWTFS	Rampisham	500	168	WSE	EUR/ME/FSU	EUR	6195	2030	2230	SMTWTFS	Rampisham	500	105	WSE	EUR/ME/FSU	EUR
17705	1000	1130	S.....	Skelton	250	175	WSE	EUR/ME/FSU	EUR	6195	2030	2230	SMTWTFS	Skelton	250	165	WSE	EUR/ME/FSU	EUR
17790	1000	1130	SMTWTFS	Masirah	100	92	WSE	S ASIA	S AS	7325	2030	2230	SMTWTFS	Skelton	300	150	WSE	EUR/ME/FSU	EUR
11760	1000	1400	SMTWTFS	Masirah	100	305	WSE	EUR/ME/FSU	ME	9410	2030	2230	SMTWTFS	Skelton	250	58	WSE	EUR/ME/FSU	EUR
15310	1000	1500	SMTWTFS	Masirah	100	45	WSE	S ASIA	S AS	9410	2030	2230	SMTWTFS	Skelton	250	105	WSE	EUR/ME/FSU	EUR
15310	1000	1500	SMTWTFS	Masirah	100	92	WSE	S ASIA	S AS	9410	2030	2230	SMTWTFS	Skelton	300	180	WSE	EUR/ME/FSU	EUR

12095	2030	2230	SMTWTFS	SKELTON	250	90	WSE	EUR/ME/FSU	EUR	7110	2200	2300	SMTWTFS	SINGAPORE	100	55	WSE	AS/PAC	SE AS
12095	2030	2230	SMTWTFS	WOOFFERTON	250	140	WSE	EUR/ME/FSU	EUR	7110	2200	2300	SMTWTFS	SINGAPORE	100	0	WSE	AS/PAC	SE AS
12095	2030	2230	SMTWTFS	SKELTON	250	197	WSE	EUR/ME/FSU	EUR	9890	2200	2300	SMTWTFS	IRKUTSK	250	125	WSE	AS/PAC	FE
5975	2100	2115	SMTWTFS	ANTIGUA	250	ND	WSE	AMERICAS	C N A	9590	2200	2400	SMTWTFS	SACKVILLE	250	268	WSE	AMERICAS	N AM
9580	2100	2145	SMTWTFS	HONG KONG	250	50	WSE	AS/PAC	FE	9915	2200	2400	SMTWTFS	SKELTON	300	230	WSE	AMERICAS	S AM
3915	2100	2200	SMTWTFS	SINGAPORE	100	340	WSE	AS/PAC	SE AS	7325	2225	2230	.....S	RAMPISHAM	500	300	WSE	EUR/ME/FSU	N AM
6005	2100	2200	SMTWTFS	SEYCHELLES	250	255	WSE	AFRICA	E AF	6175	2230	2300	.....S	SACKVILLE	250	268	WSE	AMERICAS	N AM
9740	2100	2200	SMTWTFS	SINGAPORE	250	140	WSE	AS/PAC	OC	7325	2230	2300	SMTWTF.	SKELTON	300	150	WSE	EUR/ME/FSU	EUR
11945	2100	2200	SMTWTFS	YAMATA	300	290	WSE	AS/PAC	FE	7325	2230	2300	.....S	SKELTON	300	260	WSE	AMERICAS	C AM
11835	2100	2315	SMTWTFS	ASCENSION	250	27	WSE	AFRICA	W AF	7325	2230	2300	.....S	RAMPISHAM	500	300	WSE	AMERICAS	N AM
6195	2100	2400	SMTWTFS	SINGAPORE	125	0	WSE	AS/PAC	SE AS	7325	2255	2300	SMTWTF.	RAMPISHAM	500	300	WSE	EUR/ME/FSU	N AM
6195	2100	2400	SMTWTFS	SINGAPORE	125	ND	WSE	AS/PAC	SE AS	3915	2300	2345	SMTWTFS	SINGAPORE	100	160	WSE	AS/PAC	SE AS
11955	2100	2400	SMTWTFS	SINGAPORE	125	38	WSE	AS/PAC	SE AS	6175	2300	2400	SMTWTFS	SACKVILLE	250	268	WSE	AMERICAS	N AM
11955	2100	2400	SMTWTFS	SINGAPORE	125	135	WSE	AS/PAC	OC	7110	2300	2400	SMTWTFS	SINGAPORE	100	0	WSE	AS/PAC	SE AS
5975	2130	2400	SMTWTFS	ANTIGUA	250	ND	WSE	AMERICAS	C N A	7250	2300	2400	SMTWTFS	KIMJAE	250	0	WSE	AS/PAC	FE
5990	2145	2200	SMTWTFS	HONG KONG	250	10	WSE	AS/PAC	FE	7325	2300	2400	SMTWTFS	SKELTON	300	260	WSE	AMERICAS	C AM
9525	2145	2200	SMTWTFS	HONG KONG	250	6	WSE	AS/PAC	FE	7325	2300	2400	SMTWTFS	RAMPISHAM	500	300	WSE	AMERICAS	N AM
9580	2145	2200	SMTWTFS	SINGAPORE	250	0	WSE	AS/PAC	SE AS	9580	2300	2400	SMTWTFS	HONG KONG	250	10	WSE	AS/PAC	FE
										11945	2300	2400	SMTWTFS	YAMATA	300	290	WSE	AS/PAC	FE

U S A (gh) I'm exhausted from the OKC bombing itself and subsequent covrage of it and the radio aftermath, so will not review all of it here; I've covered it on WORLD OF RADIO, and MONITORING TIMES plans to run my article on it in the July issue. Here, however, is one of the more interesting documents in the story. What it does not make clear is that Koernke's time continued to be occupied by his sponsors, Arizona coin-pushers with the same alarmist paranoia; and in early May WWCR added another 10 hpw of the same kind of stuff in THE BAKER REPORT M-F 2300 on 9475, 0000 on 7435; in June all on 9475...

WWCR WORLD-WIDE CHRISTIAN RADIO
SHORTWAVE 100,000 WATTS

WNQM 1300 AM
10,000 WATTS

FRED P. WESTENBERGER
PRESIDENT
GEORGE McCLINTOCK
GENERAL MANAGER

1300 WWCR AVENUE NASHVILLE, TN 37218

(615) 255-1300

OFFICIAL WWCR PRESS RELEASE

28 April 1995

We have found it necessary to, at least temporarily, suspend the airing of the program "The Intelligence Report."

The adverse publicity against programs of this nature in the aftermath of the Oklahoma City bombing and indiscriminate killing of innocent people including children, has caused us to reconsider our responsibility as a broadcaster.

We do believe in the Bill of Rights and the First Amendment of the US Constitution, including the freedom of speech. To paraphrase the words of a very famous American, "Although I may not believe in what you say, I will defend with my life your right to say it."

We find ourselves today in a violent world, with the breakdown of families and family values, with parents and children killing each other, ethnic cleansing killings in Bosnia and elsewhere, terrorist attacks all over the world, excessive violence permeating our movies and television, and the concentration of our news media (cable, t.v., radio, newspapers, etc.), to focus on this violence, in part generated by a public ever thirsty for grisly tales of horror.

Somewhere and somehow it must be stopped! We must all contribute to that effort.

It is as wrong to accuse any one group (no matter how "far-right" it may be), of responsibility for the irrational, irresponsible and criminal actions of the Oklahoma City incident, as it is to accuse, for example, the anti-abortion movement of responsibility when one of its believers deliberately kills a doctor who may be performing abortions.

But those who use the media, radio, newspaper, television, short-wave, etc., need to understand that their words, to paraphrase a recent editorial, "no matter how innocent or rhetorical or satirical they may in fact be, have the power to push certain people over the edge, into violence." We don't mean to suggest that such broadcasters should be shut-up, only to remind them that it is possible to be both conservative and responsible.

It is not enough for such broadcasters to satisfy themselves that they meant no harm. They need to reflect on the possibility that their excessive language can lead other people over whom they have no direct control, to do harm, and that their bitter words can have consequences.

Due to the volume of our programs we at WWCR are not able to review programs in advance or even during their airing for content. We do rely upon our listeners to alert us when they hear offensive material and when they do, we review the program and closely monitor it in the future. Programs that are offensive to our listeners are censored and/or canceled.

WWCR Programming content breakdown:

Christian teaching/preaching programs	83%
Open forum talk programs	8%
Country and other music programs	5%
Technical/science/short-wave programs	2%
Entertainment programs	2%

(direct; also via George Thurman; George Zeller via MONITORING TIMES)

BROADCASTS IN ENGLISH
audible in North America
compiled by John Norfolk

[last-minute changes entered by gh in this section, not by-time]

ALASKA KNLS NAE
0800-0900 C 9615
1300-1400 C 7365
ALBANIA Radio Tirana
0145-0156 B 7160
0230-0300 B 7160
ALGERIA RTVA
2000-2100 C 11715
ANGOLA Radio Nacional
2000-2100 C 9535
ARGENTINA RAE
0200-0300 C 11710 Tue-Sat
ARMENIA Araks Radio Agency Yerevan
2030-2100 C 11920 & 2145-2200
AUSTRALIA Radio Australia [unable to clarify]
0000-0030 C 17750 13745 13605 11855
0030-0100 C 17860 17795 17750 15510 15365 15240 13755 13745 13605 11855 9660 9580
0100-0430 C 17860 17750 15415 15365 13605 [& 17715 15510 -0400]
0430-0500 C 17860 17750 15510 15415 15365 13605
0500-0600 C 17860 17715 15415 15365 13605
0600-0630 C 17715 15530 15510 15415 13605
0630-0730 C 17715 15530 15415 15245 13605 9860 9580 6080 6020 5995 [& 15510 -0700]
0730-0800 C 17715 15530 15245 9860 9710 9580 6080 6020 5995
0800-0900 B 21725 17715 15530 9860 9710 9580 6080 6020 5995
0900-1030 B 21725 13605 9860 9580 9510 7240
1030-1130 B 21725 9860 9580 7240 [& 15530 9615 9560 1100-]
1130-1200 B 21725 15530 9860 9615 9580 9560
1200-1430 B 11800 9615 9560 5995 [& 9510 1300-1400]
1430-1630 B 11800 11695 11660 9770 9710 9615 7260 6080 6060 5995
1630-1700 B 11880 11695 11660 9860 9710 9615 7260 6090 6080 6060
1700-1900 B 11880 11695 11660 9860 9580 7260 6090 6080 6060 [& 9615 -1800]
1900-2000 C 11880 11695 11660 9860 9580 7260 6150 6080 6060
2000-2100 C 11880 11660 9860 9580 6150 6080 6060 [& 11695 -2030]
2100-2130 C 11695 11660 9660 9645 9580 6080 6060
2130-2200 C 17860 15365 11695 11660 9660 9645 9580
2200-2300 C 17860 17795 15365 13755 11855 11660 9660 9645 9580
2300-2400 C 17860 17795 15365 13755 11855 11695 11660 9660 9580 [& 15240 13605 9850 9645 2330-]
AUSTRIA Radio Austria Int'l
0130-0200 C 9655
0230-0300 C 13730 9870 9655
0530-0600 A 6015
0630-0700 A 6015
1130-1200 C 13730
BANGLADESH Radio Bangladesh
1230-1300 D 13615v 9648v
BELGIUM Radio Vlaanderen Int'l
0630-0655 C 9935 6015
0900-0925 C 17595 15545 6075 Mon-Sat
1230-1255 C 13670 Sun
1300-1325 C 13670 Mon-Sat
1800-1825 C 13685 5910
2100-2125 C 5910
2330-2355 C 13800 9925
BRAZIL Radio Bras
1200-1320 C 15445
BULGARIA Radio Bulgaria
0400-0500 B 11720 9700
1900-2000 C 11720 9700
2100-2200 C 11720 9700
2300-2400 B 11720 9700
CANADA CFRX Toronto
24 hours C 6070
CANADA CFCX Montreal
24 hours C 6005 EG or FR
CANADA Radio Canada Int'l
0100-0200 A 13670 11940 9535 9755 6120
0200-0300 A 13670 9755 [& 11940 9535 6120 Tue-Sat -0230]
0400-0430 C 15275 11835 11905 9650
0500-0530 C 17840 15430 7295 6050
1200-1300 B 13650 11855 9635 Mon-Fri
1300-1600 B 17820 11955 Sun
1330-1400 B 21455 17895* 17820* 15325 15315* [*Mon-Sat only]
1645-1700 B 17820 15325 11935 9555 Mon-Fri
2000-2100 B 17820 15325 15150 13670 13650 11985 7235 5995
2100-2130 B 17820 15325 15150 13670 13650 11690 7235 5995
2200-2230 A 13670 11895 9755 5960 [Sat-Sun -2300]
2300-2330 A 15305 11940 Mon-Fri
2300-2400 A 15305 13670 11940 9755 5960 Sat-Sun
CHINA China Radio Int'l
0000-0100 B 11715 9710
0300-0400 B 11715 9710 9690
0400-0500 B 11840 11680
1300-1500 B 7405
COSTA RICA Radio For Peace Int'l NAE
0000-0800 B 9400° 7385
0800-1200 B 9400° [& maybe 7385 -1300]
1200-2100 B 15050 9400° 620C [3P Mon-Fri 1430-1700]
2100-2400 B 15050 9400° 7385 6200
COSTA RICA TIAWR
1100-1300 C some of 13750 9725 7375 6150 5030
1700-1800 C some of 13750 9725 7375 6150 5030 Sat-Sun
2300-0100 C some of 13750 9725 7375 6150 5030
CROATIA Croatian Radio Zagreb
0000-0010 B 7370 5895
0100-0110 B 7370 5895
0200-0210 B 7370 5895
0300-0310 B 7370 5895
0400-0410 B 7370 5895
0600-0610 C 9830 7370
[also at 2300-2310 & also on 13830]
CUBA Radio Havana
0100-0200 B 9830° 6000
0200-0500 B 9830° 9820 6000 [& 6180 0400-]
0500-0700 B 9820
2100-2200 B 11705

2200-2300 B 11960°? [freq to change] 6180
CZECH REPUBLIC Radio Prague
0000-0030 B 7345 5930
0100-0130 B 7345
0300-0330 B 7345 5930
ECUADOR HCJB [worldwide 21455° & 15540° on most
0030-0700 A NAm 9745 releases]
0700-0830 B Eur 11615
0700-1130 B SPac 6135
1100-1600 A Americas 15115 [& 12005 -1430]
1330-2100 D Andean Regional 6080
1700-2000 C Eur 15490
EGYPT Radio Cairo
0200-0330 B 11600 9475
1215-1330 C 17595
1630-1830 C 15255
2030-2200 C 15375
2115-2245 C 9900
2300-2430 C 9900
ETHIOPIA Radio Ethiopia
1030-1100 D 9705 5990 Mon-Fri
1600-1700 D 9560 7165
FINLAND Radio Finland [Freq info 1-800-221-9539
1130-1200 B 15400 11900 Mon-Fri in the USA]
1230-1300 B 15400 11900 Mon-Sat
1330-1400 B 15400 11900
1530-1600 B 15400 11900
2230-2300 C 11845 9650
FRANCE Radio France Int'l
1200-1300 B 15530 15325 15195 15155 13625 11615 9805
1400-1500 B 17560 15405 7110
1600-1700 B 17620 15530 12015 11700 11615 6175 [& 15460 15210 -1730]
GERMANY Deutsche Welle
0100-0150 A 11865 11740 9640 9555 6145 6085 6040
0200-0250 C 12045 11965 11945 9690 9640 9615 7285
0300-0350 A 11750 9640 9615 9535 6185 6085
0400-0450 C 11765 9765 9565 7225 7150 6185 6120 6015
0500-0550 A 11705 9515 6185 6175 5960
0600-0650 C 21680 17875 17820 15225 15185 13790 11915
0900-0950 C EC&SAfr 21600 17800 15410 9565
0900-0950 C AsiaPac 21680 17780 17715 15245 12055 11730 6160
1100-1150 C 21600 17860 17800 17765 17715 15410 15370
1600-1650 C SAsia 17810 15595 13690 9875 7225 6170
1600-1650 C Af-ME 17800 11965 9735 7185
1900-1950 C 13790 13690 11785 11740 9735 9670 7170
2000-2050 C 9615 7170
2100-2150 C AsiaPac 11785 9765 9670 7115
2100-2150 C WAf 15135 11765 9735
2300-2350 C 11705 9690 7235
GREECE Voice of Greece
0130-0150 B 11645 9935 6260 Mon-Sat
0340-0350 B 11645 9935 6260 Mon-Sat
1335-1350 B 17525 15630
GUAM KSDA
0900-1000 C 9530
1600-1700 C 9370
2300-2400 C 11980
GUAM KTWR
0755-0915 C 15200
0855-1000 C 11830
1500-1630 C 11580 [Mon-Tue -1615]
GUATEMALA TGNC
0300-0430 C 3300 [Sun 2345-]
HAWAII KWHR NAE
0400-0800 C 17780
0800-1600 C 9930
1600-1800 D 6120
1800-2000 C 13625
2000-2200 C 15405
2200-0400 C 17510
HONDURAS HRJA Radio Copan Int'l NAE
1800-0100 C 15675
HUNGARY Radio Budapest
0100-0130 B 11910 9835 6000
0230-0300 B 11910 9835 5965?
INDIA All India R
1000-1100 C 17895 17387 15180 15050
1330-1500 C 15120 13732
1530-1545 C 11670 11585 9910 7412 7140
1745-1945 C 15075 13750 11935 11620 9950 9550 7412
2045-2230 C 15225 11745 11620 9950 9910 7412
2245-2445 C 15145 13750 11745 9950 9705
INDONESIA Voice of Indonesia
0100-0200 D 11752 9675
0800-0900 D 11752 9675
2000-2100 D 11752 9675
IRAN Radio Tehran
0030-0130 C 9670 9022 7260 6175
1130-1230 C 11930 11875 11790 11745
1530-1630 C 11875 11790
1930-2027 C 9022 7260
2126-2226 C 11790 9630
ISRAEL Kol Israel
0400-0415 C 9435 7465
1000-1030 C 17575 15640
1900-1910 C 15640 11685 11603 9435 7465
ITALY RAI
0050-0110 B 11800 9645
JAPAN NHK Radio Japan
0100-0200 B 17845 17810 11910 11900 11860 11840 9680 5960
0300-0400 C 17810 11840 9680 [& 15230 11895 11885 -0330]
0500-0600 B 17810 11955 11885 11740 9680 7230 6110 5975
0700-0800 C 21610 17815 15335 11850 11740 7230 5975
0900-1000 C 15190 11815 9610
1100-1200 B 15350 9610 6120
1400-1500 B 11915 11895 11705 9610 9535
1500-1600 B 15355 11955
1700-1800 C 11930 11840 9580 9535 6150
1900-2000 C 11850 9580 9535 7140 6150
2100-2200 C 11865 11850 9580 7140 6035
2300-2400 C 11850 9580 7140 6155 5965
JORDAN Radio Jordan
1100-1200 C 15170
1400-1630 C 15270
KOREA NORTH Radio Pyongyang
0000-0050 C 15130 13760 11335
0800-0850 C 15230 15180

1100-1150 B 11335 9977 6576
1300-1350 C 15230 13760 11740 9640 9345
2300-2350 C 13650 11700

KOREA SOUTH Radio Korea Int'l
0100-0200 C 15575 11810
0600-0700 C 7205
1030-1100 B 11715
1200-1300 C 7285 [& 13670 9640 9570 1230-]

KUWAIT Radio Kuwait
1800-2100 C 11990

LEBANON Voice of Lebanon
2325-2336 C 6550 Mon-Sat

LITHUANIA Radio Vilnius
2300-2330 C 15425? 9530 [Mon-Fri -2304]

MALAYSIA Voice of Malaysia
0555-0825 C 15295 9750 6175

MALTA Voice of Mediterranean
0600-0800 C 9765

MEXICO Radio Educacion
24 hours C 6185 NAE [EG sporadic]

MEXICO XERMX
0223-0230 C 9705

MOLDOVA Radio Dniestr Int'l
2030-2100 C 11750 except Fri

MOLDOVA Radio Moldova Int'l
0200-0225 C 7190
1400-1425 C 11580 except Sun
1900-1925 C 11580

MONACO TWR
0640-0820 B 7115 [Sat -0805]

MONGOLIA Radio Ulan Bator
0300-0330 D 12000 9960
0910-0940 D 12000 9960
1445-1515 D 9950 7293
1930-2000 D 7530 4080

MOROCCO RTV Marocaine
1400-1500 C 17595 Sun

NETHERLANDS Radio Netherlands
0030-0230 C 11655 [& 9860 -0225]
0230-0325 C 11655 9890
0430-0525 A 9590 6165
0730-1025 C 9720 [& 9700 -0835, 13700 12065 0930-1030]
1030-1125 C 13705 12065
1130-1325 C 9650 6045
1330-1625 C 15150 9890 [& 13700 -1425]
1730-1825 C 11655 7120 6020
1830-2125 C 11655 9895 9860 [& 17605 15315 7120 -2025; 6020 -1925; 13700 1830-1925; 7305 1930-2025]
2030-2125 C 11655 9895 9860
2330-0125 A 9845 6165 6020

NEW ZEALAND Radio New Zealand Int'l
0459-0716 C 9570 [Sat-Sun -0758]
0717-1206 B 6100 [Sat-Sun 0759-]
1207-1649 B 6100 occasional
1650-1849 D 6145 Mon-Fri
1850-2050 C 11910 [Fri-Sat -2058]
2051-0458 C 15115 [Fri-Sat 2059-]

NIGERIA Voice Of Nigeria
0500-0700 C 7255

NORTHERN MARIANAS ISLANDS KHBI Saipan NAE
0800-0900 C 9425
0900-1000 C 13615 9430
1000-1100 C 13625 9430
1100-1200 C 9425 9355
1200-1300 C 9425 9355
1300-1400 C 13625 9355
1400-1800 C 9355
1800-2000 C 13770 [& 9355 -1900]
2100-2200 C 13840
2200-2400 C 15405 13625

NORWAY Radio Norway Int'l
0100-0130 B 9560 7480 Mon
0400-0430 B 7480 Mon
1300-1330 C 15340 Sun
1600-1630 C 11850 Sun

PAKISTAN Radio Pakistan
0230-0245 C 21730 17725 17705 15190 7290
0800-0900 C 17900 15625
1100-1120 C 17900 15625
1600-1630 C 17660 15555 13590 11570 9470 9435
1700-1750 C 11570 7485

PALAU KHBN NAE
0000-0800 C 17630
0800-1200 C 17630 9830
1200-1600 C 9830
2000-2100 C 9830
2100-2200 C 9965 9830
2200-2400 C 9965

PAPUA NEW GUINEA NBC Port Moresby
fade-1400 C 9675 or 4890

PHILIPPINES FEBC
0000-0200 C 15450 [Sat-Sun -0130]
0900-1100 C 11690
1300-1600 C 11995

PHILIPPINES Radio Pilipinas
0230-0330 C 21580 17840 17760 13760?

POLAND Polish Radio Warsaw
1200-1255 C 11815 9525 7270 7145 6135
1500-1555 D 9525 7285
1700-1755 D 7285 7270 6095
1930-2025 D 7285 6135 6095

PORTUGAL RDP Int'l Radio Portugal
0130-0200 B 9570 6175 Tue-Sat
1330-1400 C 21515 Mon-Fri [as published]
1900-1930 C 15515 9815 9780 6130 Mon-Fri

ROMANIA Radio Romania Int'l
0200-0255 C 11940 9570 9510 6155 5990
0400-0430 C 11940 9570 9510 6155 5990
0631-0640 C 11810 9665 9550 7225
1300-1400 C 17720 15365 11940
1900-2000 C 11940 11810 9750 9690
2100-2200 C 11940 9750 9690 7195

RUSSIA Voice of Russia [incomplete] [Kevin Hecht 5 May]
0000-0100 B 11750 9720 9530
0100-0200 B 15425 15180 11750 9530
0200-0300 B 15425 15180 9530 [& 9620 0230-]
0300-0500 B 15180 9620
0600-0700 B 12050 12040 12010 [WNAm service]
0830-0900 C 11900?
0900-1000 C 11915? 11900
1000-1100 C 13370* 11915? 11900 [& 9520? 1030-] [*SSB feeder]
1100-1200 C 13370* 11900 [*SSB feeder]
1200-1300 C 17780 13370* [*SSB feeder]
1300-1400 C 17780 17675 13370* [*SSB feeder]
1400-1500 C 17780 15320
1500-1600 C 15105 9480
1600-1800 C 15105 11630 9480 [& 11675 -1700]
1800-2000 C 15105 11675 11630 9480 [& 9880 1900-]

2000-2100 C 11675 11630 9880 9480 [& 11890 11730 2030-]
2100-2200 C 11890 11750* 11730 9880 9480 [& 9530 2130-] [*may move to 15290]
2200-2300 C 11750* 11730 9530 [& 9720 2230-] [*may move to 15290]
2300-2400 C 11750 11730 9720 [& 9750? 2330-]

SERBIA Radio Yugoslavia
0000-0030 C 11870 9580
0430-0500 C 11870 9580

SEYCHELLES FEBA
0500-0545 C 15555 Fri
1500-1530 C 12090 [Sat-Mon -1545]
1500-1600 C 9810 Mon-Fri

SINGAPORE Radio Singapore Int'l
1100-1400 C 9530

SLOVAKIA AWR Europe
0100-0200 C 9465
0400-0500 C 13715 9455
0600-0700 C 7215
0900-1000 C 15620
1400-1500 C 13595
1700-1800 C 15620 13595
1900-2000 C 15620
2100-2200 C 11610? 6C55?
2200-2300 C 11610

SLOVAKIA Radio Slovakia Int'l
0100-0130 B 9440 7300 5930

SOUTH AFRICA Channel Africa
0300-0500 C 5955 3220
0500-0600 C 9695 5955
1500-1800 D 7240 3220 [& 9695 1600-1700]

SPAIN Radio Exterior de Espana
0000-0200 A 9540
0500-0600 A 9540

SUDAN Nat'l Unity Radio
1500-1530 C 9200?

SWEDEN Radio Sweden
0030-0100 C 9810 6065
0230-0300 B 9850 7120
0330-0400 B 9850 7120
1230-1300 B 15240 11650
1330-1400 B 15240 11650

SWITZERLAND Swiss Radio Int'l
0100-0130 B 9905 9885 6135 5885
0400-0430 B 9885 6135 [& 9905 -0500]
0600-0630 C 15340 13635 9885 9535
0900-0930 C 17515 13685 9885
1100-1130 C 17515 15565 13635 9885 9535 6165
1230-1300 C 9535 6165
1300-1330 C 15545 13635 7480 7230 6135 [& 9535 6165 -1400]
1500-1530 C 15545 13635 12075
1700-1730 C 13635 12075 9905 9885
2000-2030 C 13635 11640 9885 9770

SYRIA Radio Damascus
2005-2105 C 15095 12085
2110-2210 C 15095 12085

TAIWAN Voice of Free China [via WYFR]
0200-0400 B 9680 5950 [& 11740 -0300]
0700-0800 B 5950
2200-2300 B 21720 17750

THAILAND Radio Thailand
0030-0100 C 15370
0300-0330 C 11890
1900-2000 C 7200
2030-2045 C 9655 9555

TURKEY Voice of Turkey
0300-0350 C 9445
2000-2050 C 9400
2200-2250 C 11710 9445 7185

UKRAINE Radio Ukraine Int'l
0000-0100 B 11950 11875 11780 11610* 9835 9750 [*spur]
0300-0400 B 11875 9860 9835 9685
2100-2200 C 11950 11825 11780 11610* 9835 9750 9560 7285 7240 6090 6080 6020 6010 5905 [*spur]

UNITED ARAB EMIRATES Abu Dhabi
2200-2400 C 13605 11970 11885

UNITED ARAB EMIRATES Dubai
0330-0400 C 21485 15400 13675 11945

UNITED KINGDOM BBC Africa
0230-0300 C 6135
0300-0330 C 9600 6190 6005 3255
0330-0400 C 11730 9610 9600 6190 6005 3255
0400-0500 C 11730 9600 7160 6190 6005 3255
0500-0600 C 17885 15420 9600 7160 6190 6005 3255
0600-0700 C 17885 15420 15400 11940 9600 7160 6190 6005
0700-0715 C 17885* 17830 15400 11940 11860 9600 7160 6190 6005 [*Sat-Sun]
0715-0800 C 17885* 17830 15400 11940 9600 6190 [*Sat-Sun]
0800-0900 C 17885* 17830 15400 11940 6190 [*Sat-Sun]
0900-1100 C 17885 17830 15400 11940 6190
1100-1130 C 21660 17885 17830 15400 11940 6190
1130-1300 C 21660 17885 17830 11940 6190
1300-1400 C 21660 17885 17830 15420 11940 6190
1400-1430 C 21660 17830 11940 6190
1430-1500 C 11940 6190
1500-1530 C 21490 21470 15420 11940 6190
1530-1600 C 21660 21470 17830 15400 11940 6190
1600-1615 C 21660 21470 17830 15400 6190
1615-1645 C 21660 21470 17830 15420 15400 6190
1645-1700 C 21660 21470 17830 15400 11860 6190
1700-1745 C 17830 15400 11860 9630 6190 6005
1745-1830 C 17830 15400 11860 6190
1830-1900 C 17830 15400 11860 9630 6190 6005
1900-1930 C 17830 15400 9630 6190 6055
1930-2100 C 17830 15400 11835 9630 6190 6055
2100-2130 C 15400 11835 9630 6190 6055
2130-2200 C 11835 6190 6055
2200-2315 C 11835

UNITED KINGDOM BBC Americas
0000-0200 A 11750 9915 9590 7325 6175 5975 5970
0200-0330 A 9915 7325 6175 5975 5970 [& 9590 -0230]
0330-0430 A 6175 5975
0430-0500 A 5975
0500-0600 A 9640 5975
0600-0800 A 9640
1100-1130 A 17790 15190 9515 6195 5965
1130-1200 A 9515 6195 5965
1200-1400 A 11865 9515 6195
1400-1615 A 11865 9515 [& 11775 1500-]
1615-1715 A 11775 9515
2100-2200 B 11750 5975* [*not 2115-2130]
2200-2230 A 11750 9915 9590 5975
2230-2300 A 11750 9915 9590 7325* 6175* 5975

[*Sat]
2300-2400 A 11750 9590 7325 6175 5975
UNITED KINGDOM BBC Asia-Pacific
0000-0030 C 15360 15280 11955 11945 9605 9580 9410 7205 7110 6195
0030-0100 C 15360 9605 9410 7205 6195 5965
0100-0200 C 15360 9605 9410 6195
0200-0300 C 15360 9760 9605
0300-0330 C 15380* 15360 15310 9760 9605 [*Mon-Fri]
0330-0430 C 15310 15280 11955 9605
0430-0500 C 15310 15280 11955
0500-0600 C 15360 15310 15280 11955 9740
0600-0800 C 17790 15360 15310 15280 11955 9740
0800-0900 C 17790 15310 15280 11955 9740
0900-0915 C 17790 15360 15310 15280 11955 11765 11750 9740 9575
0915-0930 C 15280 11750 9740 6195
0930-1000 C 17830 15280 11750 9740 6195
1000-1030 C 17830 17790 15310 15280 11750 9740 6195
1030-1100 C 17790 15310 11750 9740 6195
1100-1130 C 17790 15360 15310 11955 11765 11750 9740 9700 9575 6195
1130-1300 C 15360 15310 11955 11765 11750 9740 9575 6195
1300-1500 C 15310 11750 9740 7180 6195
1500-1530 C 11750 9740 7180 6195 5975
1530-1600 C 11765* 11750 9740 9575* 7180 6195 5975 [*Mon-Fri]
1600-1615 C 11750 9740 7180 6195 5975
1615-1715 C 11750 9740 9510 7180 5975
1715-1730 C 11750 9740 9510 5975
1730-1830 C 11750 9740 9510
1830-2100 C 11955 9740
2100-2145 C 11955 11945 9740 9580 6195
2145-2200 C 11955 11945 9580 9510 6195 5975
2200-2300 C 11955 9890 7110 6195
2300-2400 C 11955 11945 9580 7250 7110 6195
UNITED KINGDOM BBC Caribbean
2115-2130 B 17715 5975 Mon-Fri
UNITED KINGDOM BBC Europe-Middle East-Former Soviet Union
0200-0300 C 9410 6195
0300-0330 C 12095 11760 9410 6180
0330-0400 C 12095 11760 9410* 6195* 6180* [*alt Eur]
0400-0430 C 17640 15575 12095 11760 9410 6195 6180 3995
0430-0500 C 17640 15575 12095* 11760 9410* 6195* 6180* 3955* [*alt Eur]
0500-0600 C 17640 15575 12095 11760 9410 6195 6180 3955
0600-0700 C 17640 15575 15070 12095 11760 9410 6195 6180
0700-0730 C 17640 15575 15070 12095 11760 9410 7325 6195 6180
0730-0900 C 17640 15575* 15070 12095 11760 9410 7325 [*Sat-Sun]
0900-0915 C 17705 17640 15575 15070 12095 11760 9410 7325
0915-1300 C 17705 17640 15575 15070 12095 9410 [& 11760 1000-]
1300-1400 C 21470 17705 17640 15575 15070 12095 11760 9410
1400-1500 C 21470 17705 17640 15575 15070 12095 9410
1500-1615 C 17705 15070 12095 9410
1615-1700 C 15070 12095 9410
1700-1715 C 15070 12095 9410 6195 6180
1715-1830 C 15070 12095 9410 7160 6195 6180
1830-1900 C 15070 12095 9410 6195 6180
1900-2000 C 15070 12095 9410 6195 6180 5975
2000-2130 C 15070 12095 9410 7325 6195 6180 [alt Eur 2000-2030]
2130-2200 C 12095 9410 7325 6195 6180
2200-2230 C 12095 9410 6195 [& 7325 -2300]
UNITED STATES KAIJ
0000-0200 B 13815 13740
0200-1400 B 9815 5810
1500-2330 B 15725 13815
UNITED STATES KJES NAE
1300-1600 B 11715
1800-1900 B 15385
2000-2100 B 15385
UNITED STATES KTBN
0100-1500 B 7510
1500-0100 B 15590
UNITED STATES KVOH NAE
0000-0700 B 9975 7415a
1200-2400 B 17775
UNITED STATES Organization of American States
2245-2300 A 15155 9670 Mon-Fri
UNITED STATES VOA Africa
0300-0400 B 15300 9575 7405 7340 7280 7265 7105 5980
0400-0500 B 15300 9575 7405 7340 7280 7265 [& 7240 5980 -0430]
0500-0600 B 12080 9630 9575 7405 6035
0600-0630 B 12080 12035 11950 9665 9630 7405 6035
0630-0700 B 12080 11950 9665 9630 7405 6035 Sat-Sun
1630-1700 C 17895 15445 15410 15225 13710 12040 11920 3970 [1600- Sat-Sun]
1700-1800 C 17895 15445 15410 13710 12040 11920
1800-1900 B 17895 15580 15410 13710 12040 11920
1900-2000 B 15580 15445 15410 12040 11920 7415
2000-2100 B 17755 15580 15445 15410 7415 7375 [& 11855 -2030]
2100-2130 B 15580 15445 15410 7415 7375
2130-2200 C 15580 15445 15410 7415 7375 7325 Sun-Fri
2200-2230 C 7415 7375 7340 Mon-Fri
UNITED STATES VOA Americas
0000-0200 A 15205 13740 9775 7405 5995 [& 9455 6130 0100-]
UNITED STATES VOA Asia-Pacific
1000-1100 C 15425 11720 5985
1100-1200 C 15425 15160 11720 9760 9645 6110 5985
1200-1400 C 15425 15160 9760 9645 6110 [& 11715 -1330]
1400-1500 C 15425 15160 9760 9645 7215 6110
1500-1600 C 9760 9645 7215 6110
1700-1800 C 11870 9770 9690* 9645 7215 7170 7150 6110 6045* 5990* [*Mon-Fri]
1900-2000 C 15180 11870 9525
2100-2200 C 17735 15185 11870
2200-0100 C 17820 17735 15290 15185 11760 9770 7215 [& 15305 9705 -2400]
UNITED STATES VOA Caribbean
0000-0100 A 11695 9455 6130

1000-1200 A 9590 7405 6165
UNITED STATES VOA Eur-NAf
0400-0500 C 15205 7200 7170 6873°° 6040 6010 5995 3985
0500-0600 C 15205 7200 7170 6873°° 6140 6040 5995 3985
0600-0700 C 11805 7325 7170 6873°° 6140 6060 6040 5995 3985
1630-1700 C 19379°° 17735 15425 6040
1700-2200 C 19379°° 15205 9760 6040 [& 9535 2100-]
UNITED STATES VOA Middle East
0400-0500 C 15205 11965 6010
0500-0600 C 15205 11965 6140
0600-0700 C 11965 6140
1500-1630 C 15205 9700
1630-1800 C 15205 9700 6040
1800-2100 C 9770 9760 6040
2100-2200 C 9760 6160 6040
UNITED STATES VOA South Asia
0100-0300 C 21550 17740 15250 15170 11725 11705 9635 7205 7115
1400-1800 C 15395 15255 15205 9700 9645 7215 7125 6110 [& 15205 1500-1700]
UNITED STATES WEWN
0000-0200 A 7425 5825
0200-0800 A 7425 [& 9410 -0300]
0800-0900 A 9350 7425
0900-1600 A 7465 7425 [& 9350 -1100]
1600-1900 A 15695 13615 7425 11875
1900-2000 A 18930 15695 13615 7425
2000-2300 A 7425 [& 13615 -2200]
2300-2400 A 11820 7425
UNITED STATES WHRI #1 NAE
1300-1800 B 15105
1800-1300 B 9495
UNITED STATES WHRI #2 NAE
0500-1000 B 7315 [may move to 5745]
1000-1500 B 6040
1500-2300 B 13760
2300-0500 B 5745
UNITED STATES WINB NAE
0000-1100 B 11950
1100-1400 B 11790
1400-2400 B 15715
UNITED STATES WJCR
24 hours B 7490 [& 13595 EG/CH]
UNITED STATES WMLK NAE
0400-0700 B 9465 Mon-Sat
1700-2000 B 9465 Sun-Fri
UNITED STATES WRMI [constantly changing]
0000-0030 B 9955 Tue-Sun [Mon -0100]
1130-1400 B 9955 Sun
1700-2000 B 9955 Sat-Sun
2030-2100 B 9955 Mon-Fri [Sat -2130]
2200-2300 B 9955 Sat [Sun -2230]
2300-2330 B 9955 [Sat -2400]
UNITED STATES WRNO NAE
0300-0600 B 7395
0600-1400 B 7415 Sat
1400-2300 B 15420
2300-0300 B 7355
UNITED STATES WSHB NAE
0000-0200 A 9430 7535
0200-0300 A 9430 7535a 5850
0300-0400 A 9455 7535a 5850
0400-0500 A 9840 7535
0500-0900 A 7535
0900-1000 A 7535 7395
1000-1200 A 7395 6095
1200-1400 A 9455 6095
1600-1800 A 17510
1800-2000 A 17510 15665
2000-2200 A 15665 13770
2200-2400 A 17555 13770
UNITED STATES WVHA
0200-0300 B 7465 Sun, Tue, Sat
0300-0400 B 7465 Sat, Tue
0400-0500 B 7465 Sun
0600-0800 B 9870 Sat
0900-1000 B 9870 Sat-Sun
1100-1200 B 13770 Sun NAE
1200-1500 B 11695 Sun
1500-1600 B 15665 Sun, Tue, Thu, Sat
1600-1700 B 15665
1700-1800 B 17612½ Mon, Wed, Fri
1800-1900 B 15745 Mon, Wed, Fri; 13720 Tue, Thu
1900-2000 B 15745 Sun, 13720 Tue, Thu, Sat
2000-2200 B 13720 Sat [Sun -2100]
2200-0200 B 9852½
UNITED STATES WWCR #1 NAE
0000-0800 B 7435 May, Aug-Sept
0100-0800 B 7435 June-July
1100-2100 B 15685 May, Aug-Sept
1100-2200 B 15685 June-July
2100-2400 B 9475 May, Aug-Sept
2200-0100 B 9475 June-July
UNITED STATES WWCR #2
0100-1200 B 5935 May, Aug-Sept
0200-1200 B 5935 June-July
1200-0100 B 13845 May, Aug-Sept
1200-0200 B 13845 June-July
UNITED STATES WWCR #3 NAE
0000-1100 B 5065 June-July
1100-1400 B 5075
1400-2300 B 12160 May, Aug-Sept
1400-2400 B 12160 June-July
2300-1400 B 5065 May, Aug-Sept
UNITED STATES WYFR [*closes 15 mins. before the hour]
0000-0045 A 6085
0045-0100 A 6065
0100-0400 A 9505 6065
0400-0500 A 9505* 9370 6065*
0500-0600 A 11580 9985 5985
0600-0700 A 9985 7355 5985
0700-0800 A 13695 9985* 7355*
1000-1100 A 5950
1100-1200 A 11830 5950
1200-1300 A 17750 11830 6015 5950
1300-1400 A 17750 13695 11830 6015 5950
1400-1500 A 17750 11830 6015*
1500-1600 A 17750 11830 11705
1600-1700 A 21745 21525 21500 17750 11830 11705
1700-1900 A 21745 21500
1900-2000 A 21745
2000-2100 A 21745 21525 17845
2100-2200 A 21745* 21525 17845*
2200-2245 A 21525
UZBEKISTAN Radio Tashkent
1200-1230 C 17815 15295 9715 7285
1330-1400 C 17815 15295 9715 7285

VATICAN Vatican Radio
 0140-0200 C 9650 7335
 0250-0310 B 9605 7305
 0500-0530 C 13760 11625 9725
 1730-1800 C 15570 13760 11625
 2000-2030 C 13670 11625 9725
 2245-2305 C 11830 9600 7305
VIETNAM Voice of Vietnam
 0400-0600 C 7360
 1000-1030 C 15008.7 12020 9840
 1100-1130 C 9840 7287
 1230-1300 C 15008.7 12020 9840
 1330-1400 C 15008.7 12020 9840
 1600-1630 D 15008.7 12020 9840
 1800-1830 D 15008.7 12020 9840
 1900-1930 D 15008.7 12020 9840
 2030-2100 D 15008.7 12020 9840
 2330-2400 D 15008.7 12020 9840
YEMEN Yemen Radio
 1800-1900 C 9780v
ZAMBIA Radio Zambia
 0300-fade C 7235v

0000-0010 B Croatian R Zagreb 7370 5895
0000-0030 C Australia 17750 13745 13605 11855
0000-0030 B Prague 7345 5930
0000-0030 C Yugoslavia 11870 9580
0000-0030 C BBC Asia-Pac 15360 15280 11955 11945 9605 9580 9410 7205 7110 6195
0000-0030 B WRMI 9955 Tue-Sat [Mon -0100]
0000-0045 A WYFR 6085
0000-0050 C Pyongyang 15130 13760 11335
0000-0100 B China 11715 9710
0000-0100 B Russia 11750 9720 9530
0000-0100 B Ukraine 11950 11875 11780 11610* 9835 9750 [*spur]
0000-0100 A VOA Caribbean 11695 9455 6130
0000-0200 C FEBC 15450 [Sat-Sun -0130]
0000-0200 A REE Spain 9540
0000-0200 A BBC Americas 11750 9915 9590 7325 6175 5975 5970
0000-0200 B KAIJ 13815 13740
0000-0200 A VOA Americas 15205 13740 9775 7405 5995 [& 9455 6130 0100-]
0000-0200 A WEWN 7425 5825
0000-0200 A WSHB 9430 7535 NAE
0000-0700 B KVOH 9975 7415a NAE
0000-0800 B RFPI 9400° 7385
0000-0800 C KHBN 17630 NAE
0000-0800 B WWCR #1 7435 May, Aug-Sept NAE
0000-1100 B WINB 11950 NAE
0000-1100 B WWCR #3 5065 June-July NAE
0030-0100 C Australia 17860 17795 17750 15510 15365 15240 13755 13745 13605 11855 9660 9580
0030-0100 C Sweden 9810 6065
0030-0100 C Thailand 15370
0030-0100 C BBC Asia-Pac 15360 9605 9410 7205 6195 5965
0030-0130 C Tehran 9670 9022 7260
0030-0230 C Netherlands 11655 [& 9860 -0225]
0030-0700 A HCJB NAm 21455° 15540° 9745
0045-0100 A WYFR 6085
0050-0110 B RAI 11800 9645
0100-0110 B Croatian R Zagreb 7370 5895
0100-0130 B Prague 7345
0100-0130 B Budapest 11910 9835 6000
0100-0130 B Norway 9560 7480 Mon
0100-0130 B Slovakia 9440 7300 5930
0100-0130 B Swiss R Int'l 9905 9885 6135 5885
0100-0150 A Deutsche Welle 11865 11740 9640 9555 6145 6085 6040
0100-0200 A Canada 13670 11940 9535 9755 6120
0100-0200 B Havana 9830° 6000
0100-0200 D Indonesia 11752 9675
0100-0200 B Japan 17845 17810 11910 11900 11860 11840 9680 5960
0100-0200 C S Korea 15575 11810
0100-0200 B Russia 15425 15180 11750 9530
0100-0200 C AWR Europe 9465
0100-0200 C BBC Asia-Pac 15360 9605 9410 6195
0100-0200 A VOA Americas 15205 13740 9775 9455 7405 6130 5995
0100-0300 C VOA SAs 21550 17740 15250 15170 11725 11705 9635 7205 7115
0100-0400 B WYFR 9505 6065
0100-0430 C Australia 17860 17750 15415 15365 13605 [& 17715 15510 -0400]
0100-0800 B WWCR #1 7435 June-July NAE
0100-1200 B WWCR #2 5935 May, Aug-Sept
0100-1500 B KTBN 7510
0130-0150 B Greece 11645 7448 6250 Mon-Sat
0130-0200 C Austria 9655
0130-0200 B RDP Portugal 9570 6175 Tue-Sat
0140-0200 C Vatican 9650 7335
0145-0156 B Tirana 7160 6145
0200-0210 B Croatian R Zagreb 7370 5895
0200-0225 C Moldova 7190
0200-0250 C Deutsche Welle 12045 11965 11945 9690 9640 9615 7285
0200-0255 C Romania 11940 9570 9510 6155 5990
0200-0300 C Argentina 11710 Tue-Sat
0200-0300 B Canada 13670 9755 [& 11940 9535 6120 Tue-Sat -0230]
0200-0300 B Russia 15425 15180 9530 [& 9620 0230-]
0200-0300 C BBC Asia-Pac 15360 9760 9605
0200-0300 C BBC Europe 9410 6195
0200-0300 A WSHB 9430 7535a 5850 NAE
0200-0300 B WVHA 7465 Sun, Tue, Sat
0200-0330 B Cairo 11600 9475
0200-0330 A BBC Americas 9915 7325 6175 5975 5970 [& 9590 -0230]
0200-0400 B Voice of Free China 9680 5950 [& 11740 -0300]
0200-0500 B Havana 9830° 9820 6000 [& 6180 0400-]
0200-0800 A WEWN 7425 [& 9410 -0300]
0200-1200 B WWCR #2 5935 June-July
0200-1400 B KAIJ 9815 5810
0223-0230 C XERMX 9705
0230-0245 C Pakistan 21730 17725 17705 15190 7290
0230-0300 B Tirana 7160 6145
0230-0300 C Austria 13730 9870 9655
0230-0300 B Budapest 11910 9835 5965?
0230-0300 B Sweden 9850 7120
0230-0300 C BBC Africa 6135
0230-0325 C Netherlands 11655 9890
0230-0330 C Pilipinas 21580 17840 17760
0250-0310 B Vatican 9605 7305
0300-0310 B Croatian R Zagreb 7370 5895

0300-0330 B Prague 7435 5930
0300-0330 D Ulan Bator 12000 9960
0300-0330 C Thailand 11890
0300-0330 C BBC Africa 9600 6190 6005 3255
0300-0330 C BBC Asia-Pac 15380* 15310 9760 9605 [*Mon-Fri]
0300-0330 C BBC Europe 12095 11760 9410 6180
0300-0350 A Deutsche Welle 11750 9640 9615 9535 6185 6085
0300-0350 C Turkey 9445
0300-0400 B China 11715 9710 9690
0300-0400 C Japan 17810 11840 9680 [& 15230 11885 11880 -0330]
0300-0400 B Ukraine 11875 9860 9835 9685
0300-0400 B VOA Africa 15300 9575 7405 7340 7280 7265 7105 5980
0300-0400 A WSHB 9455 7535a 5850 NAE
0300-0400 B WVHA 7465 Sat, Tue
0300-0430 C TGNC 3300 [Sun 2345-]
0300-0500 C Channel Africa 5955 3220
0300-0500 B Russia 15180 9620
0300-0600 B WRNO 7395 NAE
0300-fade C Zambia 7235v
0330-0400 B Sweden 9850 7120
0330-0400 C Dubai 21485 15400 13675 11945
0330-0400 C BBC Africa 11730 9610 9600 6190 6005 3255
0330-0430 A BBC Americas 6175 5975
0330-0430 C BBC Asia-Pac 15310 15280 11955 9605
0330-0400 C BBC Europe 12095 11760 9410* 6195* 6180* [*alt Eur]
0340-0350 B Greece 11645 7448 6260 Mon-Sat
0400-0410 B Croatian R Zagreb 7370 5895
0400-0415 C Israel 9435 7465
0400-0430 C Canada 15275 11835 11950 9650
0400-0430 B Norway 7480 Mon
0400-0430 C Romania 11940 9570 9510 6115 5990
0400-0430 B Swiss R Int'l 9885 6135 [& 9905 -0500]
0400-0430 C BBC Europe 17640 15575 12095 11760 9410 6195 6180 3995
0400-0450 C Deutsche Welle 11765 9765 9565 7225 7150 6185 6120 6015
0400-0500 B Bulgaria 11720 9700
0400-0500 B China 11840 11680
0400-0500 C AWR Europe 13715 9455
0400-0500 C BBC Africa 11730 9600 7160 6190 6005 3255
0400-0500 B VOA Africa 15300 9575 7405 7340 7280 7265 [& 7240 5980 -0430]
0400-0500 C VOA Eur-NAf 15205 7200 7170 6873°° 6040 6010 5995 3985
0400-0500 C VOA ME 15205 11965 6010
0400-0500 A WSHB 9480 7535 NAE
0400-0500 B WVHA 7465 Sun
0400-0500 A WYFR 9370 [& 9505 6065 -0445]
0400-0600 C Vietnam 7360
0400-0700 B WMLK 9465 Mon-Sat NAE
0400-0800 C KWHR 17780 NAE
0430-0500 C Australia 17860 17750 15510 15415 15365 13605
0430-0500 B Yugoslavia 11870 9580
0430-0500 A BBC Americas 5975
0430-0500 C BBC Asia-Pac 15310 15280 11955
0430-0500 C BBC Europe 17640 15575 12095* 11760 9410* 6195* 6180* 3995* [*alt Eur]
0430-0525 A Netherlands 9590 6165
0459-0716 C New Zealand 9570 [Sat-Sun -0758]
0500-0530 C Canada 17840 15430 7295 6050
0500-0530 C Vatican 13760 11625 9725
0500-0545 C FEBA 15555 Thu
0500-0550 A Deutsche Welle 11705 9515 6185 6175 5960
0500-0600 C Australia 17860 17715 15415 15365 13605
0500-0600 B Japan 17810 11955 11885 11740 9680 7230 6110 5975
0500-0600 C Channel Africa 9695 5955
0500-0600 A REE Spain 9540
0500-0600 C BBC Africa 17885 15420 9600 7160 6190 6005 3255
0500-0600 A BBC Americas 9640 5975
0500-0600 C BBC Asia-Pac 15360 15310 15280 11955 9740
0500-0600 C BBC Europe 17640 15575 12095 11760 9410 6195 6180 3995
0500-0600 A VOA Africa 12080 9630 9575 7405 6035
0500-0600 C VOA Eur-NAf 15205 7200 7170 6873°° 6140 6040 5995 3985
0500-0600 C VOA ME 15205 11965 6140
0500-0600 B WYFR 11580 9985 5985
0500-0700 B Havana 9820
0500-0700 C Nigeria 7255
0500-0900 A WSHB 7535 NAE
0500-1000 B WHRI #2 7315 NAE
0530-0600 A Austria 6015
0555-0825 C Malaysia 15295 9750 6175
0600-0610 C Croatian R Zagreb 9830 7370
0600-0630 C Australia 17715 15530 15510 15415 13605
0600-0630 C Swiss R Int'l 15340 13635 9885 9535 6165
0600-0630 B VOA Africa 12080 12035 11950 9665 9630 7405 6035
0600-0650 C Deutsche Welle 21680 17875 17820 15225 15185 13790 11915
0600-0700 C S Korea 7205
0600-0700 B Russia 12050 12040 12010 [WNAm]
0600-0700 C AWR Europe 7215
0600-0700 C BBC Africa 17885 15420 15400 11940 9600 7160 6190 6005
0600-0700 C BBC Europe 17640 15575 15070 12095 11760 9410 6195 6180
0600-0700 C VOA Eur-NAf 11805 7325 7170 6873°° 6140 6060 6040 5995 3985
0600-0700 C VOA ME 11965 6140
0600-0700 B WYFR 9985 7355 5985
0600-0800 C V of Mediterranean 9765
0600-0800 A BBC Americas 9640
0600-0800 C BBC Asia-Pac 17790 15360 15310 15280 11955 9740
0600-1400 B WRNO 7415 Sat
0600-0800 B WVHA 9870 Sat
0630-0655 C Vlaanderen 9935 6015
0630-0700 A Austria 6015
0630-0700 B VOA Africa 12080 11950 9665 9630 7405 6035 Sat-Sun
0630-0730 C Australia 17715 15530 15415 15245 13605 9860 9580 6080 6020 5995 [& 15510 -0700]
0631-0640 C Romania 11810 9665 9550 7225
0640-0820 B TWR Monaco 7115 [Sat -0805]

0700-0715 C BBC Africa 17885* 17830 15400 11940 11860 9600 7160 6190 6005 [*Sat-Sun]
0700-0730 C Swiss R Int'l 6165 3985
0700-0730 C BBC Europe 17640 15575 15070 12095 11760 9410 7325 6195 6180
0700-0800 C Japan 21610 17815 15335 11850 11740 7230 5975
0700-0800 B Voice of Free China 5950
0700-0800 A WYFR 13695 [& 9985 7355 -0745]
0700-0830 B HCJB Eur 21455°? 15540°? 11615
0700-1130 B HCJB SPac 21455°? 15540°? 6135
0715-0800 C BBC Africa 17885* 17830 15400 11940 9600 6190 [*Sat-Sun]
0717-1206 B New Zealand 6100 [Sat-Sun 0759-]
0730-0800 B Australia 17715 15530 15245 9860 9710 9580 6080 6020 5995
0730-0900 C BBC Europe 17640 15575* 15070 12095 11760 9410 7325 [*Sat-Sun]
0730-1025 B Netherlands 9720 [& 9700 -0825, 13700 12065 0930-1030]
0755-0915 C KTWR 15200
0800-0805 C Pyongyang 15230 15180
0800-0900 C KNLS 9615 NAE
0800-0900 B Australia 21725 17715 15530 9860 9710 9580 6080 6020 5995
0800-0900 D Indonesia 11752 9675
0800-0900 C KHBI 9425 NAE
0800-0900 C Pakistan 17900 15625
0800-0900 C BBC Africa 17885* 17830 15400 11940 6190 [*Sat-Sun]
0800-0900 C BBC Asia-Pac 17790 15310 15280 11955 9740
0800-0900 A WEWN 9350 7425
0800-1200 B RFPI 9400° [& maybe 7385 -1300 Sat-Sun]
0800-1200 C KHBN Palau 17630 9830 NAE
0800-1600 C KWHR 9930 NAE
0830-0900 C Russia 11900?
0855-1000 C KTWR 11845
0900-0915 C BBC Asia-Pac 17790 15360 15310 15280 11955 11765 11750 9740 9575
0900-0915 C BBC Europe 17705 17640 15575 15070 12095 11760 9410 7325
0900-0925 C Vlaanderen 17595 15545 6075 Mon-Sat
0900-0930 C Swiss R Int'l 17515 13685 9885
0900-0950 C Deutsche Welle EC&SAf 21600 17800 15410 9565
0900-0950 C Deutsche Welle AsiaPac 21680 17780 17715 15245 12055 11730 6160
0900-1000 C KSDA 9530
0900-1000 C Japan 15190 11815 9610
0900-1000 C KHBI 13615 9430 NAE
0900-1000 C Russia 11915? 11900
0900-1000 C AWR Europe 15620
0900-1000 A WSHB 7535 7395
0900-1000 B WVHA 9870 Sat-Sun
0900-1030 B Australia 21725 13605 9860 9580 9510 7240
0900-1100 C FEBC 11690
0900-1100 C BBC Africa 17885 17830 15400 11940 6190
0900-1600 A WEWN 7465 7425 [& 9350 -1100]
0910-0940 D Ulan Bator 12000 9960
0915-0930 C BBC Asia-Pac 15280 11750 9740 6195
0915-1300 C BBC Europe 17705 17640 15575 15070 12095 9410 [& 11760 1000-]
0930-1000 C BBC Asia-Pac 17830 15280 11750 9740 6195
1000-1030 C Israel 17575 15640
1000-1030 C BBC Asia-Pac 17830 17790 15310 15280 11750 9740 6195
1000-1030 C Vietnam 15008.7 12020 9840
1000-1100 C India 17895 17387 15180 15050
1000-1100 C Russia 13370* 11915? 11900 [& 9520? 1030-] [*SSB feeder]
1000-1100 C KHBI 13625 9430 NAE
1000-1100 C VOA Asia-Pac 15425 11720 5985
1000-1200 A VOA Caribbean 9590 7405 6165
1000-1200 A WSHB 7395 6095 NAE
1000-1100 B WYFR 5950
1000-1500 B WHRI #2 6040 NAE
1030-1125 C Netherlands 13705 12065
1030-1100 D Ethiopia 9705 5990 Mon-Fri
1030-1100 B S Korea 11715
1030-1100 C BBC Asia-Pac 17790 15310 11750 9740 6195
1030-1130 B Australia 21725 9860 9580 7240 [& 15530 9615 9560 1100-]
1100-1120 C Pakistan 17900 15625
1100-1130 C Swiss R Int'l 17515 15545 13635 9885 9535 6165
1100-1130 C BBC Africa 21660 17885 17830 15400 11940 6190
1100-1130 A BBC Americas 9515 6195 5965
1100-1130 C BBC Asia-Pac 17790 15360 15310 11955 11765 11750 9740 9700 9575 6195
1100-1130 C Vietnam 9840 7287
1100-1150 C Deutsche Welle 21600 17860 17800 17765 17715 15410 15370
1100-1150 B Pyongyang 11335 9977 6576
1100-1200 B Japan 15350 9610 6120
1100-1200 C KHBI 9425 9355 NAE
1100-1200 C Russia 13370* 11900 [*SSB feeder]
1100-1200 C VOA Asia-Pac 15425 15160 11720 9760 9645 6110 5985
1100-1200 B WVHA 13770 Sun NAE
1100-1200 B WYFR 11830 5950
1100-1300 C TIAWR some of 13750 9725 7375 6150 5030
1100-1400 C Singapore 9530
1100-1400 B WINB 11790 NAE
1100-1400 A WRMI 9955 Sun
1100-1400 B WWCR #3 5075
1100-1600 A HCJB Americas 21455° 15540°? 15115 [& 12005 -1430]
1100-2100 B WWCR #1 15685 May, Aug-Sept NAE
1100-2200 B WWCR #1 15685 June-July NAE
1130-1200 B Australia 21725 15530 9860 9615 9580 9560
1130-1200 B Finland 15400 11900 Mon-Fri
1130-1200 A BBC Americas 9515 6195 5965
1130-1230 C Tehran 11930 11875 11790 11745
1130-1300 C BBC Africa 21660 17885 17830 11940 6190
1130-1300 C BBC Asia-Pac 15360 15310 11955 11765 11750 9740 9575 6195
1130-1325 C Netherlands 9650 6045
1200-1230 C Swiss R Int'l 9535 6165
1200-1230 C Tashkent 17815 15295 9715 7285
1200-1255 C Warsaw 11815 9525 7270 7145 6135
1200-1300 B Canada 13650 11855 9635 Mon-Fri

1200-1300 B France 15530 15325 15195 15155 13625 11615 9805
1200-1300 D Jordan 9560
1200-1300 C S Korea 7285 [& 13670 9640 9570 1230-]
1200-1300 C KHBI 9425 9355 NAE
1200-1300 C Russia 17780 13370* [*SSB feeder]
1200-1300 A WYFR 17750 11830 6015 5950
1200-1320 C Brazil 15445 or 11745
1200-1400 A BBC Americas 11865 9515 6195
1200-1400 C VOA Asia-Pac 15425 151609760 9645 6110 [& 11715 -1330]
1200-1400 A WSHB 9455 6095 NAE
1200-1430 B Australia 11800 9615 9560 5995 [& 9510 1300-1400]
1200-1500 B WVHA 11695 Sun
1200-1600 C KHBN Palau 9830 NAE
1200-2100 B RFPI 15050 9400° 6200* [*SP Mon-Fri 0930-1700]
1200-2400 B KVOH 17775 NAE
1200-0100 B WWCR #2 13845 May, Aug-Sept
1200-0200 B WWCR #2 13845 June-July
1207-1649 B New Zealand 6100 occasional
1215-1330 C Cairo 17595
1230-1255 C Vlaanderen 13670 Sun
1230-1300 C Austria 13730
1230-1300 D Bangladesh 13615v 9648v
1230-1300 B Finland 15400 11900 Mon-Sat
1230-1300 B Sweden 15240 11650
1230-1300 C Vietnam 15008.7 12020 9840
1300-1325 C Vlaanderen 13670 Mon-Sat
1300-1330 C Norway 11850 Sun
1300-1330 C Swiss R Int'l 15545 13635 7480 7230 6135 [& 9535 6165 -1400]
1300-1350 C Pyongyang 15230 13760 11740 9640 9345
1300-1400 C KNLS 7365 NAE
1300-1400 C KHBI 13625 9355 NAE
1300-1400 C Romania 17720 15365 11940
1300-1400 C Russia 17780 17675 13370* [*SSB feeder]
1300-1400 C BBC Africa 21660 17885 17830 15420 11940 6190
1300-1400 C BBC Europe 21740 17705 17640 15575 15070 12095 11760 9410
1300-1400 A WYFR 17750 13695 11830 6015 5950
1300-1500 B China 7405
1300-1500 C BBC Asia-Pac 15310 11750 9740 7180 6195
1300-1600 B Canada 17820 11955 Sun
1300-1600 C FEBC 11995
1300-1600 B KJES 11715 NAE
1300-1800 B WHRI #1 15105 NAE
1330-1400 B Canada 21455 17895* 17820* 15325 15315* [*Mon-Sat only]
1330-1400 B Finland 15400 11900
1330-1400 C RDP Portugal 21515 Mon-Fri
1330-1400 B Sweden 15240 11650
1330-1400 C VOA Asia-Pac 15425 15160 9760 9645 6110
1330-1400 C Tashkent 17815 15295 9715 7285
1330-1400 C Vietnam 12010 9840
1330-1500 C India 15120 13732
1330-1625 C Netherlands 15150 9890 [& 13700 -1425]
1330-2100 D HCJB Andean Regional 21455° 15540°? 6080
1335-1350 B Greece 17525 15630
fade-1400 C NBC Port Moresby 9675 or 4890
1400-1425 C Moldova 11580 except Sun
1400-1430 C BBC Africa 21660 17830 11940 6190
1400-1500 B France 17560 15405 7110
1400-1500 B Japan 11915 11895 11705 9610 9535
1400-1500 C RTV Morocco 17595 Sun
1400-1500 C Russia 17780 15320
1400-1500 C AWR Europe 13595
1400-1500 C BBC Europe 21470 17705 17670 15575 15070 12095 9410
1400-1500 C VOA Asia-Pac 15425 15160 9760 9645 7125 6110
1400-1500 A WYFR 17750 11830 [& 6015 -1445]
1400-1615 A BBC Americas 11865 9515 [& 11775 1500-]
1400-1630 C Jordan 15270
1400-1800 C KHBI 9355 NAE
1400-1800 C VOA SAs 15395 15255 15205 9700 9645 7215 7125 6110 [& 15205 1500-1700]
1400-2300 B WRNO 15420 NAE
1400-2300 B WWCR #3 12160 May, Aug-Sept NAE
1400-2400 B WINB 15715 NAE
1400-2400 B WWCR #3 12160 June-July NAE
1430-1500 C BBC Africa 11940 6190
1430-1630 B Australia 11800 11695 11660 9770 9710 9615 7260 6080 6060 5995
1445-1515 D Ulan Bator 12000 9660
1500-1530 C FEBA 12090 [Fri-Sun -1545]
1500-1530 C Nat'l Unity Radio Sudan 9200?
1500-1530 C Swiss R Int'l 15545 13635 12075
1500-1530 C BBC Africa 21490 21740 15420 11940 6190
1500-1530 C BBC Asia-Pac 11750 9740 7180 6195 5975
1500-1555 D Warsaw 9525 7285
1500-1600 B Japan 15355 11955
1500-1600 C Russia 15105 9480
1500-1600 C FEBA 9810 Sun-Fri
1500-1600 C VOA Asia-Pac 9760 9645 7215 6110
1500-1600 B WVHA 15665 Sun, Tue, Thu, Sat
1500-1600 A WYFR 17750 11830 11705
1500-1615 C BBC Europe 17705 15070 12095 9410
1500-1630 C KTWR 11580 [Mon-Tue -1615]
1500-1630 C VOA ME 15205 9700
1500-1800 D Channel Africa 7240 3220 [& 9695 1600-1700]
1500-2300 B WHRI #2 13760 NAE
1500-2330 B KAIJ 15725 13815
1500-0100 B KTBN 15590
1530-1545 C India 11670 11585 9910 7412 7140
1530-1600 B Finland 15400 11900
1530-1600 C BBC Africa 21660 21470 17830 15400 11940 6190
1530-1600 C BBC Asia-Pac 11765* 11750 9740 9575* 7180 6195 5975 [*Mon-Fri]
1530-1630 C Tehran 11875 11790
1600-1615 C BBC Africa 21660 21470 17830 15400 6190
1600-1615 C BBC Asia-Pac 11750 9740 7190 6195 5975
1600-1630 C Norway 11850 Sun
1600-1630 C Pakistan 17660 15555 13590 11570 9470 9435
1600-1630 D Vietnam 15008.7 12020 9840

1600-1650 C Deutsche Welle SAsia 17810 15595 13690 9875 7225 6170
1600-1650 C Deutsche Welle Af-ME 17800 11965 9735 7185
1600-1700 D Ethiopia 9560 7165
1600-1700 B France 17620 15530 12015 11700 11615 6175 [& 15460 15210 -1730]
1600-1700 C KSDA 9370
1600-1700 B WVHA 15665
1600-1700 A WYFR 21745 21525 21500 17750 11830 11705
1600-1800 D KWHR 6120 NAE
1600-1800 C Russia 15105 11630 9480 [& 11675 -1700]
1600-1900 A WEWN 15695 13615 7425
1600-1800 A WSHB 17510 NAE
1615-1645 C BBC Africa 21660 21470 17830 15420 15400 6190
1615-1700 C BBC Europe 15070 12095 9410
1615-1715 A BBC Americas 11775 9515
1615-1715 C BBC Asia-Pac 11750 9740 9510 7190 5975
1630-1700 C Australia 11880 11695 11660 9860 9710 9615 7260 6080 6080 6060
1630-1700 C VOA Africa 17895 15445 15410 15225 13710 12040 11920 3970 [1600- Sat-Sun]
1630-1700 C VOA Eur-NAf 109379°° 17735 15425 6040
1630-1800 C VOA ME 15205 9700 6040
1630-1830 C Cairo 15255
1645-1700 B Canada 17820 15325 11935 9555 Mon-Fri
1645-1700 C BBC Africa 21660 21470 17830 15400 11860 6190
1650-1849 D New Zealand 6145 Mon-Fri
1700-1715 C BBC Europe 15070 12095 9410 6195 6180
1700-1730 C Swiss R Int'l 13635 12075 9905 9885
1700-1745 C BBC Africa 17830 15400 11860 9630 6190 6005
1700-1750 C Pakistan 11570 7485
1700-1755 D Warsaw 7285 7270 6095
1700-1800 C TIAWR some of 13750 9725 7375 6150 5030 Sat-Sun
1700-1800 C Japan 11930 11840 9580 9535 6150
1700-1800 C AWR Europe 15620 13595
1700-1800 C VOA Africa 17895 15445 15410 13710 12040 11920
1700-1800 C VOA Asia-Pac 11870 9770 9690* 9645 7215 7170 7150 6110 6045* 5990* [*Mon-Fri]
1700-1800 B WVHA 17612½ Mon, Wed, Fri
1700-1900 B Australia 11880 11695 11660 9860 9580 7260 6090 6080 6060 [& 9615 -1800]
1700-1900 A WYFR 21745 21500
1700-2000 C HCJB Eur 21455° 15540°? 15490
1700-2000 B WMLK 9465 Sun-Fri NAE
1700-2000 B WRMI 9955 Sat-Sun
1700-2200 C VOA Eur-NAf 19379°° 15205 9760 6040 [& 9535 2100-]
1715-1730 C BBC Asia-Pac 11750 9740 9510 5975
1715-1830 C BBC Europe 15070 12095 9410 7160 6195 6180
1730-1800 C Vatican 15570 13765 11625
1730-1825 C Netherlands 11655 7120 6020
1730-1830 C BBC Asia-Pac 11750 9740 9510
1745-1830 C BBC Africa 17830 15400 11860 6190
1745-1945 C India 15075 13750 11935 11620 9950 9650 7412
1800-1825 C Vlaanderen 13685 5910
1800-1830 D Vietnam 15008.7 12020 9840
1800-1900 B KJES 15385 NAE
1800-1900 B VOA Africa 17895 15580 15410 13710 12040 11920
1800-1900 B WVHA 15745 Mon, Wed, Fri; 13720 Tue, Thu
1800-1900 C Yemen 9780v
1800-2000 C KWHR 13625 NAE
1800-2000 C KHBI Saipan 13770 [& 9355 -1900] NAE
1800-2000 B Russia 15105 11675 11630 9480 [& 9880 1900-]
1800-2000 A WSHB 17510 15665 NAE
1800-2100 C Kuwait 11990
1800-2100 C VOA ME 9770 9760 6040
1800-0100 C HRJA R Copan Int'l 15675 NAE
1800-1300 B WHRI #1 9495 NAE
1830-1900 C BBC Africa 17830 15400 11860 9630 6190 6005
1830-1900 C BBC Europe 15070 12095 9410 6195 6180
1830-2100 C BBC Asia-Pac 11955 9740
1830-2125 C Netherlands 11655 9895 9860 [& 17605 15315 7120 -2025; 6020 -1925; 13700 1830-1925; 7305 1930-2025]
1850-2050 C New Zealand 11910 [Fri-Sat -2058]
1900-1910 C Israel 15640 11685 11603 9435 7465
1900-1925 C Moldova 11580
1900-1930 C RDP Portugal 15515 9815 9780 6130 Mon-Fri
1900-1930 C BBC Africa 17830 15400 9630 6190 6055
1900-1930 D Vietnam 15008.7 12020 9840
1900-1950 C Deutsche Welle 13790 13690 11785 11740 9735 9670 7170
1900-2000 C Australia 11880 11695 11660 9860 9580 7260 6150 6080 6060
1900-2000 C Bulgaria 11720 9700
1900-2000 C Japan 11850 9580 9535 7140 6150
1900-2000 C Romania 11940 11810 9750 9690
1900-2000 C AWR Europe 15620
1900-2000 C Thailand 7200
1900-2000 C BBC Europe 15070 12095 9410 6195 6180 5975
1900-2000 B VOA Africa 15580 15445 15410 12040 11920 7415
1900-2000 C VOA Asia-Pac 15180 11870 9525
1900-2000 A WEWN 18930 15695 13615 7425
1900-2000 B WVHA 15745 Sun; 13720 Tue, Thu, Sat
1900-2000 A WYFR 21745
1930-2000 D Ulan Bator 7530 4080
1930-2025 D Warsaw 7285 6135 6095
1930-2027 C Tehran 9022 7260
1930-2100 C BBC Africa 17830 15400 11835 9630 6190 6055
2000-2030 C Swiss R Int'l 13635 11640 9885 9770
2000-2030 C Vatican 13765 11625 9725
2000-2050 C Deutsche Welle 9615 7170
2000-2050 C Turkey 9400
2000-2100 C RTVA Algeria 11715
2000-2100 C Angola 9535

2000-2100 C Australia 11880 11660 9860 9580 6150 6080 6060 [& 11695 -2030]
2000-2100 B Canada 17820 15325 15150 13670 13650 11985 7235 5995
2000-2100 D Indonesia 11752 9675
2000-2100 C KHBN Palau 9830 NAE
2000-2100 B Russia 11675 11630 9880 9480 [& 11890 11730 2030-]
2000-2100 B KJES 15385 NAE
2000-2100 B VOA Africa 17755 15580 15445 15410 7415 7375 [& 11855 -2030]
2000-2100 A WYFR 21745 21525 17845
2000-2130 C BBC Europe 15070 12095 9410 7325 6195 6180 [alt Eur 2000-2030]
2000-2200 C KWHR 15405 NAE
2000-2200 A WSHB 15665 13770 NAE
2200-2200 B WVHA 13720 Sat [Sun -2100]
2000-2300 A WEWN 7425 [& 13615 -2200]
2005-2105 C Damascus 15095 12085
2030-2045 C Thailand 9655 9555
2030-2100 C Yerevan 11920
2030-2100 C Dniester 11750 except Fri
2030-2100 B WRMI 9955 Mon-Fri [Sat -2130]
2030-2100 D Vietnam 15008.7 12020 9840
2030-2125 C Netherlands 11655 9895 9660
2030-2200 C Cairo 15375
2045-2230 C India 15225 11715 11620 9950 9910 7412
2051-0458 C New Zealand 15155 [Fri-Sat 2059-]
2100-2125 C Vlaanderen 5910
2100-2130 C Australia 11695 11660 9660 9645 9580 6080 6060
2100-2130 B Canada 17820 15325 15140 13670 13650 11690 7235 5995
2100-2130 C BBC Africa 15400 11835 9630 6190 6055
2100-2130 B VOA Africa 15580 15445 15410 7415 7375
2100-2145 C BBC Asia-Pac 11955 11945 9740 9580 6195
2100-2150 C Deutsche Welle Asia-Pac 11785 9765 9670 7115
2100-2150 C Deutsche Welle WAf 15135 11765 9735
2100-2200 C Bulgaria 11720 9700
2100-2200 B Havana 11950° 11705 [SSB to change]
2100-2200 C Japan 11865 11850 9580 7140 6035
2100-2200 C KHBI Saipan 13840 NAE
2100-2200 C KHBN Palau 9965 9830 NAE
2100-2200 C Romania 11940 9750 9690 7195
2100-2200 B Russia 11890 11750* 11730 9880 9480 [& 9530 2130-] [*may move to 15290]
2100-2200 C AWR Europe 11610?
2100-2200 C Ukraine 11950 11825 11780 11610* 9835 9750 9560 7285 7240 6090 6080 6020 6010 5905 [*spur]
2100-2200 B BBC Americas 11750 5975* [*not 2115-2130]
2100-2200 C VOA Asia-Pac 17735 15185 11870
2100-2200 C VOA ME 9760 6160 6040
2100-2200 A WYFR 21525 [& 21745 17845 -2145]
2100-2400 B RFPI 15050 9400° 7385 6200
2100-2400 B WWCR #1 9475 May, Aug-Sept NAE
2110-2210 C Damascus 15095 12085
2115-2130 B BBC Caribbean 17715 5975 Mon-Fri
2115-2245 C Cairo 9900
2126-2227 C Tehran 11790 9630
2130-2200 C Australia 17860 15365 11695 11660 9660 9645 9580
2130-2200 C BBC Africa 11835 6190 6055
2130-2200 C BBC Europe 12095 9410 7325 6195 6180
2130-2200 C VOA Africa 15580 15445 15410 7415 7375 7325 Sun-Fri
2145-2200 C Yerevan 11920
2145-2200 C BBC Asia-Pac 11955 11945 580 9510 6195 5975
2200-2230 B Canada 13670 11985 9755 5960 [Sat-Sun -2300]
2200-2230 A BBC Americas 11750 9915 9590 5975
2200-2230 C BBC Europe 12095 9410 6195 [& 7325 -2300]
2200-2230 C VOA Africa 7415 7375 7340 Mon-Fri
2200-2245 A WYFR 21525
2200-2250 C Turkey 11710 9445 7185
2200-2300 C Australia 17860 17795 15365 13755 11855 11660 9660 9645 9580
2200-2300 B Havana 11950°? [to change]
2200-2300 B Russia 11750* 11730 9530 [& 9720 2230-] [*may move to 15290]
2200-2300 C AWR Europe 11610
2200-2300 B Voice of Free China 21720 17750
2200-2300 C BBC Asia-Pac 11955 9890 7170 6195
2200-2300 B WRMI 9955 Sat [Sun -2230]
2200-2315 C BBC Africa 11835
2200-2400 C KHBI Saipan 15405 13625 NAE
2200-2400 C KHBN Palau 9965
2200-2400 C Abu Dhabi 13605 11970 11885
2200-2400 A WSHB 17555 13770 NAE
2200-0100 C VOA Asia-Pac 17820 17735 15290 15185 11760 9770 7215 [& 15305 9705 -2400]
2200-0100 B WWCR #1 9475 June-July NAE
2200-0200 B WVHA 9852½
2200-0400 C KWHR 17510 NAE
2230-2300 C Finland 11845 9650
2230-2300 A BBC Americas 11750 9915 9590 7325* 6175* 5975 [*Sat]
2245-2300 A Organization of American States 15155 9670 Mon-Fri
2245-2305 C Vatican 11830 9600 7305
2245-2445 C India 15145 13750 11745 9950 9705
2300-2330 A Canada 15305 11940 Mon-Fri
2300-2330 C Vilnius 15425? 9530 [Mon-Fri -2304]
2300-2330 B WRMI 9955 [Sat -2400]
2300-2350 C Deutsche Welle 11705 9690 7235
2300-2350 C Pyongyang 13650 11700
2300-2400 C Australia 17860 17795 15365 13755 11855 11695 9660 9580 [& 15240 13605 9850 9645 2330-]
2300-2400 B Bulgaria 11720 9700
2300-2400 A Canada 15305 13670 11940 9744 5960 Sat-Sun
2300-2400 C KSDA 11980
2300-2400 C Japan 11850 9580 7140 6155 5965
2300-2400 B Russia 11750 11730 9720 [& 9750? 2330-]
2300-2400 A BBC Americas 11750 9590 7325 6175 5975
2300-2400 C BBC Asia-Pac 11955 11945 9580 7250 7110 6195
2300-2400 A WEWN 11820 7425
2300-2430 C Cairo 9900
2300-0100 C TIAWR some of 13750 9725 7375 6150 5030

2300-0300 B WRNO 7355 NAE
2300-0500 B WHRI #2 5745 NAE
2300-1400 A WWCR #3 5065 May, Aug-Sept NAE
2325-2336 C Lebanon 6550 Mon-Sat
2330-2355 C Vlaanderen 13800 9925
2330-2400 D Vietnam 15008.7 12020 9840
2330-0125 A Netherlands 9845 6165 6020
24 hours C CFRX Toronto 6070
24 hours C CFCX Montreal 6005 EG or FR
24 hours C R Education 6185 NAE [EG sporadic]
24 hours B WJCR 7490 [& 13595 EG/CH]

Times are UT; frequencies in kHz. All daily unless otherwise indicated. Schedules subject to change without notice. a: alternate or authorized freq. v: freq varies. NAE: not all English. °=USB; °°=LSB (the VOA's are feeders & may have another language on the other sideband).

Signal quality (a very rough guide): A: reliable; B: regular; C: occasional; D: rare. The letter given will not necessary apply to all frequencies listed at any given time. Reception of stations located in North America will depend on the location of the listener in relation to the transmitter location, power, beam direction & the distance of the skip zone at any given time.

Compiled mostly from Glenn Hauser sources (WORLD OF RADIO, REVIEW OF INTERNATIONAL BROADCASTING, DX LISTENING DIGEST, SW BROADCASTING from MONITORING TIMES) plus monitoring DX programs such as MEDIA NETWORK, DX PARTY LINE, THE LATEST CATCH, etc. Russia and CIS schedules from Kevin Hecht.

SELECTED DX/SWL/MEDIA PROGRAMS

SUNDAY
0025-0033 Spain DISTANCE UNKNOWN 9540
0030-0100 VOA COMMUNICATIONS WORLD 11695 9455 6130
0109-0145 HCJB DX PARTY LINE 21455 15540 9745
0125-0133 Spain DISTANCE UNKNOWN 9540
0200-0230 RFPI WORLD OF RADIO 9400 7385
0200-0300 WWCR SPECTRUM 7435 5065
0234-0249 Havana DXERS UNLIMITED 9830 9820 6000
0245-0250 Romania DX MAILBAG 11940 9570 9510 6155 5990
0252-0256 Budapest DX WORLD 11910 9835 5965?
0257-0310 Vatican ON THE AIR 9605 7305
0315-0330 Turkey DX PROGRAM biweekly 9445
0350-0400 BBC WAVEGUIDE 9410 6195
0434-0449 Havana DXERS UNLIMITED 9830 9820 6180 6000
0445-0457 Bulgaria BULGARIA CALLING 11720 9700
0500-0530 WWCR WORLD OF RADIO 7435 may be canceled shortly
0507-0519 Vatican ON THE AIR 13760 11625 9725
0509-0545 HCJB DX PARTY LINE 21455 15540 9745
0525-0533 Spain DISTANCE UNKNOWN 9540
0525-0550 Japan MEDIA ROUNDUP 17810 11955 11885 11740 9680 7230 6110 5975
0620-0640 AWR Europe WAVESCAN 7215
0634-0649 Havana DXERS UNLIMITED 9820
0637-0647 Vlaanderen RADIO WORLD 9935 6015
0725-0750 Japan MEDIA ROUNDUP 21610 17815 15335 11850 11740 7230 5975
0920-0940 AWR Europe WAVESCAN 15620
0930-1000 WWCR WORLD OF RADIO 5065
1000-1030 RFPI WORLD OF RADIO 9400 7385
1035-1059 Korea SW FEEDBACK 11715
1100-1115 TIAWR WAVESCAN some of 13750 9725 7375 6150 5030 [start time varies]
1130-1145 WRMI WAVESCAN 9955
1235-1247 Vlaanderen RADIO WORLD 13670
1240-1257 Korea SW FEEDBACK 13670 9640 9570 7285
1425-1450 Japan MEDIA ROUNDUP 11915 11895 11705 9610 9535
1500-1515 KSDA WAVESCAN 9370
1550-1600 BBC WAVEGUIDE 17705 15070 12095 9410
1645-1655 BBC WAVEGUIDE 17830 15400
1725-1750 Japan MEDIA ROUNDUP 11930 11840 9580 9535 6150
1805-1817 Vlaanderen RADIO WORLD 13685 5910
2105-2117 Vlaanderen RADIO WORLD 5910
2120-2140 AWR Europe WAVESCAN 11610? [@ 2220]
2125-2150 Japan MEDIA ROUNDUP 11865 11850 9580 7140 6035
2145-2157 Bulgaria BULGARIA CALLING 11720 9700
2252-2305 Vatican ON THE AIR 11830 9600 7305
2300-2315 KSDA WAVESCAN 11980 [canceled?]
2300-2315 TIAWR WAVESCAN some of 13750 9725 7375 6150 5030 [start time varies]
2300-2330 RFPI WORLD OF RADIO 15050 9400 7385
2300-2330 WWCR WORLD OF RADIO 9475
2335-2347 Vlaanderen RADIO WORLD 13800 9925
2345-2357 Bulgaria BULGARIA CALLING 11720 9700

MONDAY
0000-0015 WRMI WAVESCAN 9955
0108-0118 Deutsche Welle DXERS WORLD MEETING after last Sun 11865 11740 9640 9555 6145 6085 6040
0125-0150 Japan MEDIA ROUNDUP 17845 17810 11910 11900 11860 11840 11840 9680 5960
0140-0157 Korea SW FEEDBACK 15575 11810
0252-0256 Budapest DX NEWS 11910 7220 5965?
0308-0318 Deutsche Welle DXERS WORLD MEETING after last Sun 11750 9640 9615 9535 6185 6085
0330-0358 KWHR WORLD OF RADIO 17510
0430-0458 New Zealand MAILBOX biweekly 15115
0508-0518 Deutsche Welle DXERS WORLD MEETING after last Sun 11705 9515 6185 5960
0604-0700 WWCR SPECTRUM 7435
0635-0648 Korea SW FEEDBACK 7205
0700-0730 RFPI WORLD OF RADIO 9400 7385
1947-1952 Romania FOR RADIO AMATEURS 11940 11810 9750 9690
2147-2152 Romania FOR RADIO AMATEURS 11940 9750 9690 7195

TUESDAY
0122-0126 Budapest DX WORLD 11910 9835 6000
0230-0245 WVHA DXTRA after first Monday 7465
0247-0252 Romania FOR RADIO AMATEURS 11940 9570 9510 6155 5990
1230-1300 WWCR WORLD OF RADIO 15685
1250-1300 Sweden MEDIASCAN 1st & 3rd 15240 11650
1347-1352 Romania FOR RADIO AMATEURS 17720 15365 11940
1350-1400 Sweden MEDIASCAN 1st & 3rd 15240

11650
1800-1815 WVHA DXTRA after first Monday 13720
1900-1930 RFPI WORLD OF RADIO 15050 9400 6200
1950- Warsaw DX CLUB 7285 6135 6035
2135-2150 Havana DXERS UNLIMITED 11705
2235-2250 Havana DXERS UNLIMITED 11960 6180

WEDNESDAY
0050-0100 Sweden MEDIASCAN after 1st & 3rd Tue 9810 6065
0122-0126 Budapest DX NEWS 11910 9835 6000
0135-0150 Havana DXERS UNLIMITED 9830 6000
0250-0300 Sweden MEDIASCAN after 1st & 3rd Tue 9850 7120
0300-0330 RFPI WORLD OF RADIO 9400 7385
0335-0350 Havana DXERS UNLIMITED 9830 9820 6000
0350-0400 Sweden MEDIASCAN after 1st & 3rd Tue 9850 7120
0535-0550 Havana DXERS UNLIMITED 9820
0700-0710 HCJB THE LATEST CATCH 21455? 15540? 11615
0800-0830 HCJB HAM RADIO TODAY 21455 15540? 11615
0930-1000 HCJB HAM RADIO TODAY 21455 15540? 6135
1030-1040 HCJB THE LATEST CATCH 21455 15540? 6135
1100-1130 RFPI WORLD OF RADIO 9400
1310- FEBC DX DIAL 11995
1720- Warsaw DX CLUB 7185 7270 6000
1730-1800 HCJB HAM RADIO TODAY 21455 15540? 15490 6080
1800-1810 HCJB THE LATEST CATCH 21455 15540? 15490 6080

THURSDAY
0122-0126 Budapest DX WORLD 11910 9835 6000
0130-0200 HCJB HAM RADIO TODAY 21455 15540 9745
0152-0224 Netherlands MEDIA NETWORK 11655 9860
0200-0210 HCJB THE LATEST CATCH 21455 15540 9745
0530-0600 HCJB HAM RADIO TODAY 21455 15540 9745
0600-0610 HCJB THE LATEST CATCH 21455 15540 9745
0752-0824 Netherlands MEDIA NETWORK 9720 9700
0830-0858 New Zealand MAILBOX biweekly 6100
0952-1024 Netherlands MEDIA NETWORK 13705 12065 9720
1152-1224 Netherlands MEDIA NETWORK 9650 6045
1220- Warsaw DX CLUB 11815 9540 9525 6135 6095 5995
1352-1424 Netherlands MEDIA NETWORK 15150 13700 9890
1520- Warsaw DX CLUB 9525 7285
1552-1624 Netherlands MEDIA NETWORK 15150 9890
1752-1824 Netherlands MEDIA NETWORK 11655 7120 6020
1952-2024 Netherlands MEDIA NETWORK 17605 15315 11655 9895 9860 7120

FRIDAY
0052-0124 Netherlands MEDIA NETWORK 11655 9845 6165 6020
0252-0324 Netherlands MEDIA NETWORK 11655 9890
0452-0524 Netherlands MEDIA NETWORK 9590 6165
1005- FEBC DX DIAL 11690
1145-1155 Finland MEDIA ROUNDUP 15400 11900
1235-1245 BBC WAVEGUIDE 11865 9515 6195
1245-1255 Finland MEDIA ROUNDUP 15400 11900
1345-1355 Finland MEDIA ROUNDUP 15400 11900
1345-1400 Portugal DX PROGRAM triweekly 21515
1545-1555 Finland MEDIA ROUNDUP 15400 11900
1915-1930 Portugal DX PROGRAM triweekly 15515 9815 9780 6130
1930-1958 New Zealand MAILBOX biweekly 11910
1945-1957 Bulgaria BULGARIA CALLING 11720 9700
2000-2030 RFPI WORLD OF RADIO 15050 9400 6200
2115-2145 WWCR WORLD OF RADIO 15685 June-July 9475 May, Aug-Sept
2229-2257 WHRI WORLD OF RADIO 13760
2345-2357 Bulgaria BULGARIA CALLING 11720 9700

SATURDAY
0025- FEBC DX DIAL 15450
0145-0200 Portugal DX PROGRAM triweekly 9570 6175
0252-0256 Budapest DX NEWS 11910 9835 5965?
0400-0430 RFPI WORLD OF RADIO 9400 7385
0501-0530 WHRI WORLD OF RADIO 9495 7315* [* may be replaced by 5745]
0739-0815 HCJB DX PARTY LINE 21455 15540? 11615
0909-0945 HCJB DX PARTY LINE 21455 15540? 6135
1030-1100 VOA COMMUNICATIONS WORLD 5985
1200-1230 RFPI WORLD OF RADIO 15050 9400 6200
1230-1300 VOA COMMUNICATIONS WORLD 15425 15160 11715 9760 6110
1530-1600 KWHR WORLD OF RADIO 9930 scheduled but not actually on at this time
1629-1659 WHRI WORLD OF RADIO 15105 [may move fq]
1709-1745 HCJB DX PARTY LINE 21455 15540 15490 6080
1730-1800 VOA COMMUNICATIONS WORLD 19379 17895 15445 15410 13710 12040
1800-1830 RFPI WORLD OF RADIO 15050 9400 6200
1945-1950 Romania DX MAILBAG 11940 11810 9750 9690
2015-2030 Turkey DX PROGRAM biweekly 9400
2100-2115 HRJA WAVESCAN 15675
2130-2200 VOA COMMUNICATIONS WORLD 15205 15445 13710 9760 9535 7415
2134-2149 Havana DXERS UNLIMITED 11705
2145-2150 Romania DX MAILBAG 11940 9750 9690 7195
2200-2215 WRMI WAVESCAN 9955 [previous week's]
2215-2230 Turkey DX PROGRAM biweekly 11710 9445 7185
2234-2249 Havana DXERS UNLIMITED 11960 6180
2300-2315 KSDA WAVESCAN 11980 [canceled?]
2345-2400 WRMI WAVESCAN 9955

Start times and lengths may vary. Some HCJB, RFPI and Havana frequencies are USB. All programs have one edition per week/cycle except DXERS UNLIMITED (2).

WORLD OF RADIO: Airings on WHRI are subject to pre-emption and abrupt early endings. Editions on RFPI are 1-2 weeks behind those on other outlets. The program also has occasional two-part editions.

Not all programs will have shortwave news and shortwave oriented features. Some concentrate solely on the station it is heard on or are mailbag/music request programs with station/DX news segments while others report on telecommunications and satellite matters only.

New hostess for MEDIA ROUNDUP: Mari Kishi.

SHOWS WE LIKE

(C) Glenn Hauser 1995

Universal SATURDAY

0030-0055 Australia INDIAN PACIFIC 17860 15365
0051-0119 Nederland RADIO ENLACE 15315
0130-0155 RA AUSTRALIAN SCENE 17860 17795 15365
0140-0155 Francia DX (2,4 Fri) 15200 9800 11670
0200-0230 RFPI MAKING CONTACT 7385 9400U
0210-0230 Australia FEEDBACK 17860 17795 15365
0230-0255 Australia INDIAN PACIFIC same
0251-0319 Nederland RADIO ENLACE 9590 6165
0430-0455 Australia INDIAN PACIFIC 17860 15365
0430-0500 RFPI MAILBAG 7385 9400U
0530-0555 Australia ONE WORLD 17860 15365
0540-0555 Francia DX (2,4 Fri) 59209800
0710-0730 RA OCKHAM'S RAZOR 9860 9580 15365
0730-0755 RA ONE WORLD 9860 9580 15365 6020
1000+1030 WWCR THE OLD RECORD SHOP 5065
1005+1100 KTSA San Antonio PERSPECTIVE ABC 550
1010-1030 Australia OCKHAM'S RAZOR 9860 9580
1200+1400 NPR WEEKEND EDITION SATURDAY + repeats
1230-1300 RFPI MAILBAG 15050 9400U 7385?
1330-1355 RA AUSTRALIAN SCENE 5995 11800
1406+1413 ABC etc PRESIDENT'S WEEKLY ADDRESS
1505+1530 WIBW KS TRAVEL/COUNTRYMAN'S KS 580
1605+1700 KRPT Anadarko INDIANS FOR INDIANS 850
1706+1959 ABC HIGHTOWER RADIO
1900-1930 RFPI COUNTERSPIN 15050 9400U
1930-2000 RFPI MAILBAG 15050 9400U
2000+2015 WWCR PRESIDENT & REPUBLICANS 12160
2005-2015 BBC WRITE ON 11750
2005-2030 RCI INNOVATION CANADA 17820 15325 13670
2015-2100 BBC FEATURES 11750
2030-2100 RCI EARTHWATCH 17820 15325 13670 13650
2104-2130 RCI ROYAL CANADIAN AIR FARCE 13670
2115-2130 BBC ON SCREEN 11750
2145-2200 BBC LETTER FROM AMERICA 11750 5975
2210-2400 RA AUSTRALIA ALL OVER 17860 17795 15365
2230-2300 RCI EARTHWATCH 5960 9755 13670
2245+2300 WWCR PRESIDENT & REPUBLICANS 9475
2304+2355 RCI QUIRKS & QUARKS 13670 9755 5960
2300+2330 Radio Vilnius 9530?

SUNDAY

0030-0045 BBC LETTER FROM AMERICA 9915 9590 7325
0030-0054 Australia CORRESPONDENTS 17860 17795 15365
0100+0130 WWCR THE OLD RECORD SHOP 7435
0105+0130 RCI INNOVATION CANADA 6120 9755 13670
0110-0125 Switzerland CAPITAL LETTERS (2,4 Sat) 9905
0130+0200 RCI EARTHWATCH 6120 9755 13670
0204+0232 RCI DOUBLE EXPOSURE 13670 9755 6120
0230-0254 Austrlia CORRESPONDENTS 17860 17795 15365
0230-0259 BBC CLASSICAL MUSIC series 7325 6175 5975
0232+0257 RCI ROYAL CANADIAN AIR FARCE 13670 9755
0300-0330 RFPI COUNTERSPIN 7385 9400U
0305+0400 WGN LE SHOW WITH HARRY SHEARER 720
0330-0350 BBC FROM OUR OWN CORRESPONDENT 5975 6175
0330-0400 RFPI MAILBAG 7385 9400U
0350-0400 BBC WRITERS IN A NUTSHELL 5975 6175
0410-0425 Switz CAPITAL LETTERS (2,4 Sat) 9905 9885
0410-0430 Australia FEEDBACK 17860 17795 15365
0430-0455 Australia CORRESPONDENTS 17860 15365
0430-0500 BBC SCIENCE IN ACTION 5975
0510-0530 RA BEAT OF THE PACIFIC 17860 17795 15365
0610-0630 RA FEEDBACK 17860 17795 15365
0630-0655 Australia CORRESPONDENT RPTS 9860 9580
0635-0655 Austria MAILBAG 6015
0735-0825 Netherlands HAPPY STATION 9700 9720
0810-0830 Australia FEEDBACK 9580 9860
0935-1025 Netherlands HAPPY STATION 9720
1005+1100 ABC PERSPECTIVE KRMG-740, KSAL-1150 &
1030-1055 Ausralia REPORT FROM ASIA 9860 9580
1030+1100 KOMA NATIVE AMERICAN SPEAKS 1520
1100-1130 RFPI COUNTERSPIN 9400U 7385
1105+1200 KOA Denver ABC PERSPECTIVE 850
1110-1155 Japan HELLO FROM TOKYO 6120 previews@1153
1130-1155 Australia FINE MUSIC AUSTRALIA 9860 9580
1130-1200 RFPI MAILBAG 9400U 7385
1135-1155 Austria MAILBAG 13730
1200+1400 NPR WEEKEND EDITION SUNDAY + repeats
1215-1230 BBC ON SCREEN 9515 11865
1230-1245 BBC ON THE MOVE 9515 11865
1230-1255 Australia REPORT FROM ASIA 5995 11800
1230+1300 Sweden FEATURES rotate 11650 15240
1235-1255 RFI CLUB 95-16 13625 15530 6000
1235-1300 Havana CUBA CAMPESINA 11875 11760 9550 /
1300+1430 CBS TV SUNDAY MORNING + repeats/delays
1300-1330 NORWAY NOW 15340
1311+1559 RCI CBC SUNDAY MORNING 17820 11955 9625
1330+1400 Sweden FEATURES rotate 11650 15240
1330-1400 WRMI VIVA MIAMI 9955
1335-1350 Havana EN CONTACTO 11760 9550 6000
1406-1415 BBC WRITERS IN A NUTSHELL 11865 9515
1410-1455 VOA CONCERT HALL 9760
1415-1500 BBC MUSIC REVIEW 11865 9515
1430-1455 Australia REPORT FROM ASIA 11800
1505-1525 BBC FROM OUR OWN CORRESPONDENT 11775 9515
1510-1555 Japan HELLO FROM TOKYO 11705 pvws @ 1553
1530-1555 Australia FINE MUSIC AUSTRALIA 11800
1530-1600 BBC COMEDY/PANEL GAMES 11865 11775 9515
1600-1630 Norway NOW 11850
1706+1959 ABC HIGHTOWER RADIO WBAP 820 &
1730-1800 VOA MUSIC TIME IN AFRICA-1 17895 15410
1805+1810 WWCR HARVEY THOMAS' VIEW FROM EUR 15685
1930-2000 VOA MUSIC TIME IN AFRICA-2 15580 15410
1935-2025 Netherlands HAPPY STATION 15315 17605
2005-2130 RCI ARTS IN CANADA 17820 15325 13670
2030-2100 RFPI SOUND CURRENTS OF SPIRIT 15050 9400U
2105-2125 RCI MAILBAG 17820 15325 13670 13650
2115-2200 BBC CONCERT HALL 11750
2155/2215 Havana EN CONACTO 15230 11760 9820U
2200-2230+ RFPI FAR RIGHT RADIO REVIEW 15050 9400
2230+2300 WRNO MORMON TABERNACLE CHOIR 15420
2230-2300 RFPI FRRR+ or THIS WAY OUT 15050 9400U
2230+2255 RCI MAILBAG 13670 9755 5960
2230+2300 CBC Northern NOW THE DÉTAILS 9625
2235-2325 Ned ESTACION DE LA ALEGRIA 15315 11680
2300+2330 Lithuania 9530?
2305+2400 RCI TAPESTRY 13670 9755 5960
2330-2345 BBC SEEING STARS (1 or 2) 9590 7325 6175
2345-2355 BBC WRITE ON 9915 9590 7325 6175 5975
2348-2416 Ned RADIO ENLACE 15315 9895 11715

MONDAY

0035-0125 Neth HAPPY STATION 9845 6165 6020
0100-0130 Norway NOW 7480 9560
0105-0130 RCI ARTS IN CANADA 6120 9755 13760
0130-0200 BBC COMPOSER OF THE MONTH 9590 7325 5975

0130+0154 RCI MAILBAG 6120 9755 13670
0206+0459 "CBC" DREAMLAND/ART BELL WKY-930 &
0210+0300 WHO REJECTION SLIP THEATRE 1040
0231+0259 RCI NOW THE DéTAILS 13670 9755 6120
0236-0324 Ned ESTACION DE LA ALEGRIA 9590 6165
0300+0400 WWCR EXTRAORDINARY SCIENCE/TESLA 5065
0306+0459 KRLD PRIVATE EYE 1080
0306+0459 KFAB TALK RADIO COUNTDOWN 1110
0330+0400 WJR THIS WEEK WITH BRINKLEY 760
0330-0400 BBC BRAIN OF BRITAIN 5975 6175
0335-0350 RHC EN CONTACTO 6060 9505 9550
0351-0416 Ned RADIO ENLACE 9590 6165
0400-0500 Mexico HORA NACIONAL 540 730 900 1050
0400+0500 WWCR RADIO NEWYORK INTERNATIONAL 7435
0406+0500 WBAP ABC PERSPECTIVE 820
0430-0500 RFPI SOUND CURRENTS OF SPIRIT 7385 9400U
0435-0525 Neth HAPPY STATION 9590 6165
0440-0456 CRI LISTENERS LETTERBOX 11680
0530-0600 BBC FEATURE 5975 9640
0600-0630 RFPI FAR RIGHT RADIO REVIEW 7385 9400U
0604+0703 WWCR SPECTRUM 7435
0615-0700 BBC CONCERT HALL 9640
0715-0800 BBC FEATURE 9640
1130-1155 Australia INNOVATIONS 9860 9580
1130-1200 BBC QUIZ 5965 9515
1207+1259 RCI DOUBLE EXPOSURE/RCAF 9635 11855 13650
1215-1245 BBC ANYTHING GOES 11865 9515
1230-1300 RFPI SOUND CURRENTS OF SPIRIT 15050 9400U
1230+1300 KTBN JOY OF ORGAN MUSIC/DIANE BISH 7510
1405-1415 BBC FEATURE 11865 9515
1430-1500 BBC OMNIBUS 11865 9515
1515-1600 BBC FEATURE 11865 9515 11775
1520-1555 Australia INNOVATIONS 11800
1615-1645 BBC FEATURE 11775 9515
1930+2000 KKSU PERSPECTIVE 580 Kansas
2000-2100 RFPI ALTERNATIVE RADIO 15050 9400U
2030+2100 WWCR OLD RECORD SHOP 15685
2130+2145 WWCR MUNDO RADIAL 9475 (2 out of 4 wks)
2130-2200 RFPI MICROPOWER/NOT BOMBS 15050 9400U
2200-2230 RFPI COUNTERSPIN 15050 9400U 7385

T U E S D A Y

0030-0045 BBC FOLK ROUTES 9590 7325 5975
0130-0200 BBC OMNIBUS 9915 9590 7325 5975
0200-0230 RFPI UNCONVENTIONAL WISDOM 9400U 7385
0230-0300 BBC DISCOVERY 9915 9590 7325 6175 5975
0400-0500 RFPI ALTERNATIVE RADIO 7385 9400U
0600+0700 WWCR SOUND CURRENTS OF SPIRIT 7435
0600-0630 RFPI COUNTERSPIN 7385 9400U
0615-0630 BBC OPERA BEHIND SCENES 9640
0630-0700 BBC FEATURE 9640
0715-0800 BBC GREENFIELD COLLECTION 9640
0930-1000 RNZI AROUND WORLD RUDI HILL 4-wkly 6100
1130-1155 RA ARTS AUSTRALIA 9580 9860
1200-1300 RFPI ALTERNATIVE RADIO 15050 9400U
1515-1600 BBC GREENFIELD COLLECTION 9515 11775
1530-1600 RA ARTS AUSTRALIA 11800
1630-1645 BBC FEATURE 11775 9515
1800-1830 RFPI FAR RIGHT RADIO REVIEW 15050 9400U
1830-1900 HCJB BLUES RAGS JAZZ 15540U 15490
1930-2000 RFPI MAILBAG 15050 9400U
2030-2100 BBC DISCOVERY 11750
2145-2200 BBC FEATURE 11750 5975

FAX GH WHILST IN ENID AT 1-405-233-2948 ATTN: HAUSER, urgent info only, business hrs 7 dpw.

W E D N E S D A Y

0030-0100 BBC CLASSICAL MUSIC SHOW 9915 9590 7325
0200-0300 RFPI FAR RIGHT RADIO REVIEW live call-in to 1-800-404-RFPI 7385 9400U
0230-0300 BBC HERITAGE 9915 7325 6175 5975
0230-0300 HCJB BLUES/RAGS/JAZZ 9745 15540U
0330-0345 DW INSIGHT 6085 6185 9535 9615 9640 11750
0330-0400 RFPI MAILBAG 7385 9400U
0345-0400 BBC FEATURE 5975
0440-0456 CRI LISTENERS LETTERBOX 11680
0530-0555 RA PACIFIC WOMEN 17860 17795 15365
0730-0755 RA PACIFIC WOMEN 15365 9860 9850 6020
0730-0800 BBC ANYTHING GOES 9640
0752-0823 RN DOCUMENTARY 9700 9720
0952-1023 RN DOCUMENTARY 9720
1000-1100 RFPI FRRR CALL-IN REPLAY 9400U
1130-1200 RFPI MAILBAG 9400U
1130-1155 Australia SCIENCE SHOW 9580 9860
1145-1200 BBC FEATURE 5965 9515
1215-1245 BBC VINTAGE CHART SHOW 9515 11865
1250+1255 CBS TV GENE SISKEL MOVIE REVIEW varies
1330-1355 Australia BLACKTRACKER 5995 11800
1352-1423 RN DOCUMENTARY 9890 13700 15150
1505-1515 BBC FEATURE 11865 11775 9515
1530-1555 Australia SCIENCE SHOW 11800
1615-1645 BBC TALK ABOUT AFRICA 17830 15400
1800-1830 RFPI SECOND OPINION 15050 9400U
1852-1923 RN SOUNDS INTERESTING 17605 15315
1930+2000 KKSU COMPUTER SHOW 580 Kansas
1952-2023 RN DOCUMENTARY 17605 15315
2030-2100 BBC ASSIGNMENT 11750
2130-2200 RFPI VIETNAM VETERANS RADIO NET 15050
2352-2423 RN SOUNDS INTERESTING 9845 6165 6020

T H U R S D A Y

0030-0045 BBC FROM OWN CORRESPONDENT 9915 9590 7325
0052-0123 RN DOCUMENTARY 9845 6165 6020
0145-0200 SRI SPANISH DX (2,4 Wed) 9905 9885 5888
0130-0200 BBC ASSIGNMENT 9915 9590 7325 5975
0200-0230 RFPI SECOND OPINION 7385 9400U
0245-0300 SRI SPANISH DX (2,4 Wed) 9905 9885 6135
0452-0523 RN DOCUMENTARY 9590 6165
0600+0700 WWCR ROCK THE UNIVERSE 7435
0910-1000 RNZI ON THE MARCH 6100
1130-1145 BBC MUSIC FEATURE 5965 9515
1215-1245 BBC CLASSICAL MUSIC FEATURE 9515 11865
1900-2000 RFPI ALTERNATIVE RADIO 15050 9400U
1930+2000 KKSU SPECIAL ASSIGNMENT 580 Kansas
2000-2030 RFPI MICROPOWER/NOT BOMBS 15050 9400U
2030-2100 BBC BELIEVE IT OR NOT 11750
2145-2200 BBC FROM OUR OWN CORRESPONDNT 11750 5975
2352-2423 RN RESEARCH FILE 9845 6165

F R I D A Y

0300-0400 RFPI ALTERNATIVE RADIO 9400U 7385
0330-0345 DW SCIENCE & TECH 6085 6185 9615 9640
0345-0400 BBC FEATURE 5975
0400-0430 RFPI MICROPOWER/NOT BOMBS 7385 9400U
0415-0445 Spain LADINO SERVICE 9690
0425-0440 CRI CULTURE IN CHINA 11680
0430-0457 RNZI CALLING PITCAIRN/NORFOLK 6/16 4-wkly alt with AROUND WORLD W/RUDI 4-wkly 15115
0530-0555 RA BEAT OF PACIFIC 17860 17795 15365
0730-0755 RA BEAT OF PACIFIC 15365 9860 9580 6020
0730-0800 BBC BELIEVE IT OR NOT 9640

1100-1200 RFPI ALTERNATIVE RADIO 9400U
1200-1230 RFPI MICROPOWER/NOT BOMBS 15050 9400U
1215-1235 BBC NEW IDEAS 11865 9515
1330-1355 Australia MUSIC DELI 5995 11800
1430-1445 BBC FEATURE 11865 9515
1515-1600 BBC CONCERT HALL 11865 11775 9515
1800-1830 RFPI MAKING CONTACT 15050 9400U
1852-1923 RN DOCUMENTARY 17605 15315
2030-2100 RFPI MAILBAG 15050 9400U
2030-2100 BBC VINTAGE CHART SHOW 11750
2210-2230 Australia FEEDBACK 17860 17795 15365
2251-2319 RN RADIO ENLACE 15315 11680
2340-2355 Francia DX (2,4) 17620 15200 11670 9800
2352-2423 RN DOCUMENTARY 9845 6165 6020

M U L T I - D A Y

0000+0030 WRMI VIVA MIAMI 9955 Mon-Sat
0005+0100 CBC-Atlantic IDEAS Tu-Sa + hourly west
0025-0030 RN PROGRAMME PREVIEWS 9845 6165 6020
0045-0100 BBC BRITAIN TODAY 9915 9590 7325 5975
0100+0200 WOAI LARRY KING LIVE 1200 Tu-Sa or game
0207+0459 Mutual JIM BOHANNON Tu-Sa
0209+0300 WHO Iowa RADIO THEATRE 1040 Tu-Sa
0306+0600 KOA GREG DOBBS 850 Tu-Sa or game delay
0430-0500 Switzerland FEATURES 9905
0435-0500 BBC OUTLOOK 5975 Tu-Sa
0438+0500 KSL TOM SNYDER 1160 Tu-Sa
0500+0600 WBBM KNX KSL OLDTIME RADIO 780 1070 1160
0805+0820 WJR PAUL HARVEY NOON 760 Tu-Su
0930+0955 KOA COMEDY 850
1205+1300 RCI AS IT HAPPENS Tu-F 9635 11855 13650
1300-1400 BBC NEWSHOUR 11865 9515
1405-1430 BBC OUTLOOK 11865 9515 M-F
1645-1700 BBC BRITAIN TODAY 11775 9515
1649-1652 MRI LETTERBOX 17510 M-F + hourly
1700-1800 RFPI FEMINIST INTERNATIONAL 15050 9400U
1706-1800 VOA TALK TO AMERICA M-F 19379 17895 15410
2005-2030 BBC OUTLOOK 11750 M-F
2030+2100 WRMI VIVA MIAMI 9955 M-F
2115-2130 BBC WORLD TODAY 11750 5975 M-F
2118-2119 WWV PROPAGATION 15000 10000 5000 +hourly
2230+2400 RCI AS IT HAPPENS 13670 9755 5960 M-F
2300+2330 WRMI VIVA MIAMI 9955 Su-F
2330-2355 BBC OUTLOOK 9915 9590 7325 6175 5975 M-F

NOTES: For conciseness all DX PROGRAMS in English tho among the shows we like most are omitted from this listing; see separate schedule in this issue. (+) between times means expected to shift one hour later after DST ends; RCI shifts are usually more complex; BBC implies they will make such a shift on American stream, tho not clear at this point. In many cases there are additional frequencies besides the ones shown; see Norfolk's BIE skeds.

RADIO AUM SHINRIKYO

NO.2 June 1993

381-1 Hitoana, Fujinomiya, Shizuoka 418-01 JAPAN

Aum Shinrikyo was founded based on His Holiness the Master Shoko Asahara's altruistic philosophy of saving every sentient being in this universe. Aum is a holy mantra which symbolizes the impermanent nature of this universe. *Shinri* means the truth in Japanese and *kyo* means to teach. In June 1992, the broadcast of *Euangelion Tes Basileias* started to spread the teachings of His Holiness over the world. *Euangelion Tes Basileias*, (ooooooooooooooooooooo in Greek) which is usually translated as "Gospel of the Kingdom" means "the announcement of the truth of the Holy Heaven."

[from this to nerve gassing?]

The Spirit of Truth
HIS HOLINESS THE MASTER, SHOKO ASAHARA

[for historical interest via Gigi Lytle, TX]

After eight years of strenuous practice of Yoga and Buddhism, His Holiness the Master, Shoko Asahara attained final enlightenment in the Himalayas in 1986. He founded Aum Shinrikyo in 1987 and continues to devote himself to the severe practice of Mahayana path. As a guru (spiritual teacher) with incomparable skills, he has to date guided more than 350 disciples to various stages of enlightenment.

Master Asahara's high meditation stage has been highly spoken of by the spiritual masters in the traditional Buddhist countries, such as India, Sri Lanka, and Bhutan. A Tibetan reincarnated lama acclaimed Master Asahara as Yeshe (the one who has attained perfect absolute divine wisdom). With divine powers developed through the practice of meditation and with enlightened wisdom, Master Asahara shows his genius not only in the spiritual domain, but in various fields such as science, medicine, music, writing, translation, education, etc. In this age of crisis, his unique leadership with altruism and devotion has a great significance to world peace and the survival of human beings.

In April 1992, Radio Aum Shinrikyo started broadcasting to Japan via Radio Moscow and in June began broadcasting around the world, advancing His Holiness' plans for salvation a step further.

Aum Shinrikyo as of February 1993 has 10,000 lay practitioners (members) and 700 disciples (monks and nuns). There are 22 branch centers in Japan and 4 overseas (New York, Bonn, Sri Lanka and Moscow).

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UNIVERSAL RADIO Communications Catalog 95-05 is also just out, large-format, 100 pages fine print, huge amount of radio products, accesories, new including Drake R-8A, AOR AR-8000 scanner, Grundig YB-305. Free by 4th class, $1 first class, 4 IRCs outside NAm: 1-800-431-3939; 6830 Americana Pkwy, Reynoldsburg OH 43068. WHEN ORDERING ANY OF THESE PLEASE SAY GH SENT YOU.

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by Loren Cox

17 JANUARY: EARTHQUAKE EARTHQUAKE EARTHQUAKE! Great coverage of the very severe Japanese earthquake is being provided by NHK, available to North American satellite viewers on PanAmSat One, 45.5 deg. W., 11.918 GHz. The coverage has been continuous, presumably since the beginning, tho' we were tardy by a couple of hours in tuning in because we were engaged in viewing/recording the first episode of the new STAR TRECK spinoff, STAR TRECK VOYAGER from the UNITED PARAMOUNT NETWORK on Telstar 401, Ch. 19. (Caught the "primary affiliate" feed at 01:00 UTC [have subsequently found a "secondary affiliate" feed at 22:30 UTC Mondays - there may be others].) It was really exciting to have this "front row" uninterupted viewing of a major news story. Audio was in Japanese on the 6.2 MHz subcarrier, tho' the pictures and graphics pretty much spoke for themselves, altho' there were periods of English translation on the 6.8 MHz subcarrier. 1,803 dead counted by 22:00 UTC with the toll steadily climbing. The regularly scheduled NHK program in English on the PAS feed, JAPAN TODAY, was up at 15:30. [The NHK feed on PAS 1 has subsequently disappeared.]

3 FEBRUARY: WITH THE SIMPSON trial dominating U.S. television news programs, other news is being given short shrift, but there are other news programs available to satellite viewers, e.g., the BBC ONE O'CLOCK NEWS, being put up "live" at 13:00 UTC on Anik E1, Ch. 17 or 19 (NTSC). The NINE O'CLOCK NEWS continues to be available on tape delay at 23:00 UTC every day on Galaxy 7 Ku (PAL). A half-hour of BBC WORLD SERVICE TELEVISION news is a part of the FUJI LONDON feed most days on PanAmSat One, 11.720 GHz at 15:00 UTC, followed by a REUTERS feed. The ITN WORLD NEWS from London is up at 22:30 on a vertical transponder on Telstar 401, evidently for some PBS stations. The CBC NEWSWORLD INTERNATIONAL has been "in the clear" for a while on Anik E2, Ch. 4 (had been in Leitch). The CBC PRIME TIME NEWS with those "anchors" spoofed on AIR FARCE may be seen on Anik E1, Ch. 20 at 9:00 pm EST. And there are half hour news programs in both English and German on DEUTSCHE WELLE TV, Satcom C4, Ch. 5. And there are those unedited newsfeeds from the Networks (tho' a lot of O.J. there) and WTN and Eurovision feeds, etc. (WORLDWIDE TELEVISION NEWS up on Anik E2, Ch. 11 at 20:40 UTC.)

But we continue to believe that overall RADIO is still the best source of news. And our most interesting news program found on satellite recently is not television but radio. Tuning through the SCPC transmissions on Galaxy 4, Ch. 3, a few weeks ago we encountered PACIFICA RADIO's ONE HUNDRED DAYS OF CONGRESS, a one hour program fed M-F at 9:00 am EST. Have been recording these programs where alternative views and news not to be found on the "establishment" media may be heard. Really a beacon of enlightenment and civilization in the darkness of these times so dominated by the worst of "conservatism". The ½ hour PACIFICA NEWS is fed at 4:30 pm EST.

SPEAKING Of PACIFICA RADIO (we should have cautioned you to cover your children's ears before the uttering of those words): As a part the investigative process relating to the funding of the Corporation for Public Broadcasting - which the Republican Congress seems most disposed to terminate - Senator Larry Pressler (R-SD) requeted of CPB the names of current NATIONAL PUBLIC RADIO employees who formerly worked for PACIFICA; also any NPR employees who once worked for religious broadcasters. Now just why would the good Senator want such information? To see if there are enough good people to balance those evil PACIFICA people? Or to show that NPR will employ "bad" (i.e., PACIFICA) people but not "good" (i.e,, Christian) people, assuming there are none as defined by being former employees of Christian broadcasters? There were also questions regarding that vile pinko/commie, Garrison Keillor. (We enjoyed Mr Keillor's N.Y. TIMES piece on the "new rascals" [the new congressional leadership] in which he sees in them "a reincarnation of William McKinley's America.": "Suddenly a museum stirs and the statues start talking, and we are back in the Gilded Age, among portly men who regard great wealth as the surest sign of Divine Grace and amuse themselves by railing against the poor and calling for more prisons. Thomas Nast, Mark Twain, H.L. Menkin, Sinclair Lewis - every satirist there ever was has watched the same parade go footing past." Small wonder Newt et al take a dim view of public moneys going to a network that puts on the air a man like THAT.) According to yesterday's PACIFICA NEWS, Pressler has withdrawn his question about NPR employees' former employment, which were among enquiries that bordered on "witch hunting": personal info about NPR personnel. [With the end of "100 Days" Pacifica are now offering "The Julianne Malveau Show" .]

[TECHNICAL NOTE: We have considerably improved the audio quality of satellite SCPC transmissions by using a dbx II expander in conjunction with the Heil SCPC tuner.]

NPR, PACIFICA, PUBLIC RADIO INTERNATIONAL, MINNESOTA PUBLIC RADIO and the BBCWS are still all up in analog SCPC on G4/3, tho' NPR was to commence digital feeds on 1 January; presumably both digital and analog feeds are being provided during a transition period to the former. And we note that SCOLA, with news programming from a number of the world's television networks, which was to go digital compression on Telstar 401 Ku on 1 January, are still providing an analog feed on Telstar 303, Ch. 22, with the WORLD RADIO NETWORK on the 6.2 MHz subcarrier, evidently providing a grace period for subscribers to convert to digital reception.

7 FEBRUARY: SEVERAL NEW CABLE CHANNELS, both in the U.S. and Canada, have recently made an appearance. With one exception, the new Canadian channels, which are equivalent in some respects to already existing U.S. channels, with the same or similar names, are currently "in the clear" on the Ku Band side of Anik E2. A couple of the channels present older movies ('60s, 70s, 80s), one of them also showing Canadian TV shows of the recent past, while the others have more in the way of "target audience" programming, the most interesting of which is called BRAVO. Their first program was a documentary on the early days of television experimentation and development, with footage of John Logie Baird's, etc. work. First time I ever saw a TV image produced by mechanical scanning. Television work in Germany was also shown - seems that the Germans went for green tented CRT screens. BRAVO, like its U.S. counterpart, presents arts programming. The new Canadian channels were dutifully panned on AIR FARCE TV. Of the new U.S. channels, the only one that appears to offer anything of interset to us is THE HISTORY CHANNEL, on Satcom F3, Ch. 12. Was in VC II+ "fixed key" for January, but is now addressable. Of all U.S. Cable channels, the only ones we would regard as being worthy of actually subscribing to would be the just mentioned HISTORY CHANNEL, A&E, BRAVO & CNN; but to get them either by Cable or satellite, one must also subscribe to a number of channels we would never watch. Another U.S. "over-the-air" station is being imported via satellite for Canadian viewing: the Fox Network affiliate in Rochester, NY, currently "in the clear" on Anik E2, Ch. 13 (C Band). Two "hard core" porno channels, EXXXTREME TV and EXXXTASY II (VC II+ encrypted) continue to operate on Anik E2, Chs. 18 & 23 respectively. Speaking of porn, TV EROTICA has moved to Telstar 401, Ch. 17 - EXXXTASY I continues to drip semen from Ch. 1 on that satellite. EXXX/ is soliciting homemade amateur sex tapes. [Following this morning's PACIFICA "100 Days", the excellent musical program "St. Paul Sunday Morning" came up on the same SCPC channel - one channel only - two individual carriers are needed for SCPC stereo - but still sounds quite good.]

IF YOU MUST watch the Simpson trial, the best coverage is being provided by COURT TV (Satcom C3, Ch. 6.) If you're viewing by satellite, and tire of it, you can switch to C-SPAN on Ch. 7 and watch the Gingrichinization of America &/or listen to the BBCWS or whatever is on AUDIO ONE, which is now carrying some WORLD RADIO NETWORK programming, including the 17:30 UTC release of RNW (now complete - had been cutting off at 18:00). WTN's primary feed for North America remains on Galaxy 5, Ch. 6, 6.8 MHz wideband.

SPEAKING OF WRN and the concept of listening to international ("world band" - in the current locution) radio via satellite: We detect a prejudice in the SWL community against this mode of reception - as if it were a form of cheating? Indeed, lovers of international broadcasting have seemed reluctant to go to the "dish" to receive the programming - in high fidelity, no less - that we all love so well. On the other hand, those who have home satellite systems, save for a few exceptions like yours truly, have little or no interest in using them for the reception of international radio that is there. As Ian McFarland pointed out in the January 1995 MONITORING TIMES: "While this service [WORLD RADIO NETWORK] has been downlinked into some cable TV and radio services in North America, it is questionable whether the audience via TVRO systems will ever amount to much." Well, it CAN amount to SOMETHING. unless among SWLs there is an overwhelming love for QRM, QRN, QSB - all of the vagaries of shortwave reception. Ian goes on to say: "During the broadcasting forum [at the MT convention], Larry Magne made the point that the C-SPAN cable TV service in the U.S. has already been carrying a selection of SW stations [i.e., broadcasters] on its two audio networks for a couple of of years now, but the listenership is still extremely low. Is it reasonable to expect their presence on satellite will add to a significant increase?" Of course, C-SPAN and its accompanying audio services, one of which is the BBC WORLD SERVICE 24 hours per day, are already on satellite - that's how ther're distributed to Cable head ends and to home TVRO (we listen to the BBCWS live "International Recital" in high-fidelity: do you? With no more than a 6' dish and $250 satellite receiver you can too.) Ian goes on: "A quick poll of the forum audience of some 200 avid radio monitoring enthusiasts would appear to back Magne's claim. A show of hands indicated that less than ten percent of the audience owned satellite receiving equipment, with even fewer who were thinking about getting the equipment. Could it be that the majority of people who own satellite equipment have a mindset that precludes associating international radio with television satellites?" Not a "mindset", we would say, but ignorance of its availability. But why should the presumably better informed communications hobbyists/SWLs have an apparent prejudice against "dish" usage as a means of listening to the international radio satellite currently provides? Of course, if one's major interest is digging out obscure Bolivian or Indonesian stations, a "dish" is useless. Only mostly major broadcasters now have their programming available via satellite, but I can't imagine a devotee of international radio not being intrigued with, say, listening to DEUTSCHE WELLE in stereo, or listening to a broadcaster you won't hear on shortwave at all like RTE, Dublin. We have simply grown accustomed to certain programs on the BBCWS or other broadcasters on satellite being there when we want to listen to them without having to be concerned about reception conditions. Now this doesn't mean we're about to get rid of our shortwave radios. Never! After all, RFPI isn't on satellite (wish they were!). And we can't imagine ceasing to derive pleasure from tuning through the bands, especially on a fine

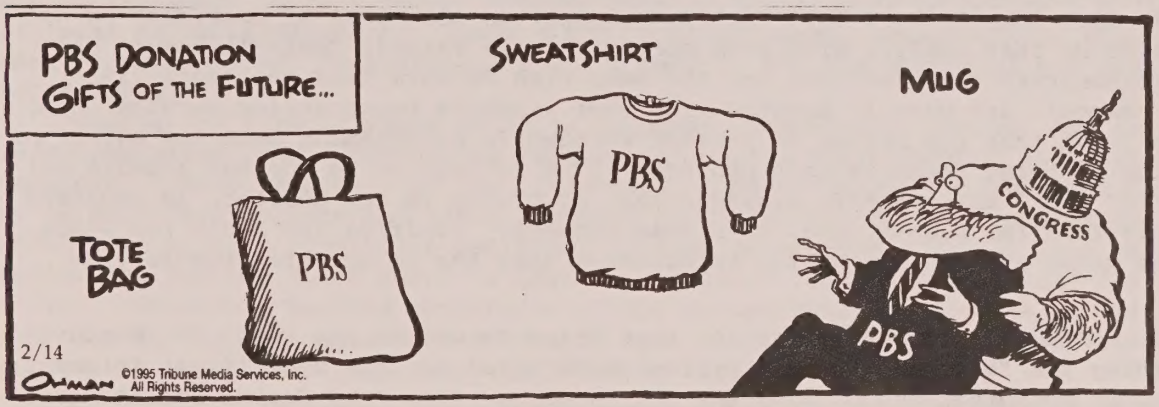
vacuum tube receiver on a cold winter night. Don't know whether it would be more accurate to say that listening to international radio via satellite is an adjunct to our shortwave listening, or the other way around; probably the other way around.

We have not been seriously into DXing since the 1950s when we logged some 150 countries - but never sought a single QSL card (we knew we heard 'em - that was enough). As mentioned before, noise levels at this QTH are so intense no serious DXing could be done on the best receivers on today's market: in a low noise environment we would very likely be taking the maximum advantage of what shortwave can do, going after the Ulan Bators, etc. Our initial discovery of shortwave back during WW II, and the excitement over what we heard then remains embedded in our psyche. And when we got our HQ-150 in 1955 we were thrilled to hear so much that we'd never heard before.

Our first experience with international radio via satellite was the reception of SCPC transmissions of various international broadcasters for relay via the RCI transmitters at Sackville. These transmissions are now digital on the Ku Band side of Anik E1.

We realize many SWLs live in apartments or in locations where "dish" installation is not feasible. But we would think a devotee of international radio programming would be anxious to receive it in the best fidelity possible.

17 FEBRUARY: WHITHER PUBLIC BROADCASTING: One of the top priorities in the Gingirchinization of America is the elimination of federal funding from the Corporation for Public Broadcasting (and the National Endowment for the Arts). The proffered reason is deficit reduction, tho' the moneys appropriated for CPB (and NEA) are a minuscule percentage of the overall budget. But chew gotter start somewhere, ain't chew? Of course, that's a sham. "Conservative" elements have been unhappy with the CPB for years purely on ideological grounds - PBS and NPR are hotbeds of LIBERALISM and even worse (for in those minds "liberalism" = Communism or all that is godawful and unAmerican). We were amused by the new Republican committee chairman who asked if CPB moneys might better be used to feed hungry children, when, of course, these fuckers don't want to feed hungry children either - might destroy their initiative. (In the 1930s Republicans argued that FDR's modest Social Security plan would destroy the initiative of the aged and infirm.) Now we have had our problems with PBS, the network, not NPR, certainly not PACIFICA - in some ways the real target of the CPB axe - nor individual TV and radio stations (state educational networks and college and community radio stations) that receive some CPB funding. PBS has tried to play the game both ways: as an essentially commercial network and as a publicly funded one. There has been some excellent programming, but it has rarely been an outlet for alternative viewpoints or experimental programming. Controversy, so as not to offend corporate underwriters (i.e., sponsors), has generally been eschewed - but even so the programming had been too "liberal" for the hard right that's now running the Congressional show. The children's programming ("Big Bird", et al) is a profitable enterprise unto itself and some of it would probably, now, survive in a wholly commercial environment in the event PBS vanishes. But we can't forget how PBS treated home TVRO, initially threatening "dish" owners with prosecution for viewing their "private" transmissions and then accepting Cable's John Malone's invitation to "join the party", which resulted in the "scrambling" of the satellite transmissions: PBS squandered millions playing that little game. Now they're on the digital compression kick, but with a somewhat friendlier attitude toward home TVRO are running a channel - SCHEDULE X - especially for those viewers, and some of the programming on T401/Ku is still being transmitted analog (those analog transmissions include Georgia Public Television and Radio). And we've heard about PBS's palatial headquarters in Alexandria, VA. So, all in all, we aren't weeping the bitterest tears over the possible loss of PBS: in our view PBS has never been a truly "public broadcasting service", and if it continues operation as a wholly commercial entity - Newt's friends are already lining up as potential purchasers - it probably won't be greatly different in program offerings than it is today - except that anything that might be seen by the "right" as in any way antithetical to their view will never make it to the airwaves. Newt's already talking about what a plum Georgia Public Television's Channel 8 in Atlanta is for commercial interests. And as for Channel 13 in New York!... It all comes down to a big money game involving an expansion of a handfull of media/communications empires, than which there could be nothing better according to our current Congressional masters.



Even tho' I can't muster overwhelming sympathy for PBS, I have real concern over the possible

loss of necessary funding by university and community radio stations and state networks. Unlike PBS, these outlets perform an important public service for their localities as sources of news, airings of issues of local interest, programming for minorities and as dissiminators of culture. We thought Republicans/conservatives like everything to be a matter of local determination, so why not some means of making grants to broadcasters on a local level without the agency of a CPB?

27 FEBRUARY: It appears that all CPB funding will not be ended forthwith, but will be reduced, first by 15% in 1996 & 30% in 1997, and presumably will be phased out altogether in a few years, during which time public broadcasting shall have been able to accomodate itself totally to private funding or entities like PBS and NPR shall have become properties of commercial media interests. Both Atlant-Bell and Jones Intercable have expressed great interest in obtaining PBS. Jones already operate the Cable/satellite "Mind Extension University", providing video classroom courses that can be taken for credit. Something of a flap in that this college course Newt is presenting is being provided to MEU at no cost (guess we should tune in out of curiosity). Glenn Jones and Newt are known to be great buddies. And is it not true that any activity or entity, provided wholly or part by governmental financing as a service to the public (like CPB/NPR/PBS), better serves the public as a for profit enterprise conducted by the "private sector"? (If you don't subscribe to that, you're not a "true" or "good" American?) That might be the case when it comes to delivering the mail, but as a means of dissiminating information and ideas - "alternative" viewpoints - the "private sector" has no interest in presenting or sees as antithetical to its interests - assuredly not. The main problem with PBS/-NPR as national networks is that they haven't been "public" enough, in the sense of providing an outlet/platform for all segments of that public; with some exceptions are largely "establishment" outlets - especially PBS. Broadcasters like Pacifica and the Deep Dish Network (and the short lived American Access satellite channel) are more in keeping with what a public broadcasting service ought to be than PBS/NPR - recognizing that the latter do present worthwhile programming that the author of this column has no objection to being taxed to help provide. (The 1c test as to whether a media outlet is truly an "alternative" one - which public broadcasting, according to its charter, is supposed to be: does it provide a platform for people, say, like Noam Chomsky? Pacifica and Radio for Peace International - in the true sense an American public broadcaster that has to operate from foreign soil - do.)

THE SIMPSON TRIAL (VIDE SUPRA): We've discovered the best place to watch: the COURT TV "backhaul" on G-STAR 1 (remember watching the "backhaul" of the Willie Smith trial on this satellite). Interesting to listen to the "off air" conversations between the the "anchors" like Fred Graham and the guest lawyer experts. Actually it's doubtful we'd bother watching the trial at all via the regular COURT TV channel, but we "dish heads" like our means of getting on the "inside" of things, of getting a bit more than it is intended for the public to get. Even, in this instance, the trivial, however sensational. But we do dig Marcia Clark. [28 Feb.: Just heard in some "off-air" conversation that there is a photo of a topless Marcia in circulation - presumably taken by an old boy friend.]

4 MARCH: AND IS NOT WHAT ONE HEARS on "talk radio" further confirmation of the remark attributed to Bismark: "Fear God and the stupidity of the populace"? Listen in and hear a nation in decline, a nation being consumed in hatred and bigotry, a nation in which about 2/3rds of the population are in fear and revulsion of the other 1/3rd - the poor and minorities, where the criminal element is bread (cf. recent remarks by conservative columnist and erstwhile psychiatrist Charles Krauthammer). Evidently the equinimity of the majority may be restored only when there are enough prisons or other forms of confinement facilities for that dangerous and threatening 1/3rd. And remember. "redistribution of wealth" is the 8th deadly sin (tho' no one seems to notice that that "redistributed wealth" tends to find its way back in large measure to those from whom it was "taken" - "trickle up").

Radio hate can be partially disguised in the big, loveable, geniality or an R.L. (tho' the audience "gets it") or it can come straight out, as Grant in New York attacks blacks and that fellow in San Francisco attacks Japanese or the fellow in Salt Lake City who recommended killing Mrs. Brady because of her vigorous gun control advocacy. (Remember the worldwide fascist-communist-U.N.-new world order-liberal-Clinton conspiracy wants an unarmed American citizenry.)

We've noted something of a "liberal" alternative to R.L. on the commercial airwaves in the person of a fellow named Tom Leykis. He styles himself as "not a right-wing whacko or a convicted felon", and tho' coming from liberal/libertarian persepective, he is not a propagandist for the Democratic Party as R.L. is for the Republican Party (that stay in the Bush White House finally providing R.L. that confirmation of self-worth he had so long sought). Leykis, an athiest, is pro-choice, a drug decriminalizer and a flayer of Newt. On from 3 to 7 pm Pacific Coast Time, Leykis program is distributed by Westwood One, with stations carrying all or some of the program, live or tape-delay. Was best heard at this QTH via WWL (870), New Orleans, which dropped the program this week. But continues on WGY (810), Schenectady, NY, and WJJD (1160), Chicago. "Dish" reception is sometimes possible - when KMPC, Los Angeles, is being uplinked (SCPC on Galaxy 6). (Westwood feeds are all digital.) Leykis is entertaining (as he acknowledges the first requirement of a talk show host), and requires of his callers only that they be "interesting", whatever their views: is willing to take on

anyone, unlike R.L. who only will talk to his legions of admirers.

Many of Leykis callers identify themselves as "conservatives", but then will go on to agree with him on some point, or disagree while remaining rational: others who make themselves idiots with their own illogic or right-wing misconceptions too rambunctiously expressed can have the conversation terminated with the sound of an explosion: other talk show hosts terminate calls with similar devices.

(Leykis' program, we've found, is also on WWKY [790], Louisville. Unfortunately, the nighttime signal here is poor, but with lengthening daylight upcoming, that problem will be overcome. "All talk" WWKY used to be the once very popular WAKY ["whacky radio"], an early all rock format station. The WWKY call was originally assigned to a daytime only Louisville station on 900 kHz, which introduced a new prigramming concept into early post-war radio: all music, divided into blocks, each featuring a different type of music: classical, country, pop. Proved to be so popular that the station's ratings went right to the top. The WWKY call was later used by a station in Winchester, KY. Before WAKY became WWKY it was WGRC, which came on the air in the 1930s.)

20 MARCH: A commercial braodcaster will put anything on the air that gets the ratings, and right now "right-wing", even radical right-wing, is a hot commodity, so broadcasters seem to be falling all over themselves to get ideologues of that persuasion behind their microphones. So if you want a job doing talk radio you'll tell a prospective employer: "Sure, I can do 'right-wing'."

Then how can it be that an occasional "liberal" talk show host like Leykis or Matt Reece on WLW, Cincinnati, shows up? Just to "get a rise" out of conservatives who presumably far outnumber liberals as listeners to talk radio? - gives them an opportunity to confront a "liberal" and bash him, or at least strongly disagree? (Have heard Reece on Sunday afternoons on WLW. Late nights on WLW are when "conservative", "niggers ain't got a beef" - NOT HIS WORDS but his sentiments - Bill Cunningham holds forth.)

Ideally, talk radio shows would be informed, democratic, dialog: but they rarely are, because, as we've indicated, their popularity largely depends on their feeding the prejudices, fears, misapprehensions - even hatreds - of the listeners. A favorite ploy of the more direputable talk show hosts is to brow beat callers and taunt segments of the audience. This presumably sends their followers, which will be of a particular political persuasion or ethnic group, into paroxyms of pleasure. A fellow who follows TL on KMPC - a latino (Mexican) - taunts his "white" listeners with the term "vanilla". Evidently bashing particular ethnic groups/nationalities is popular in major radio markets, tho' one of the most intelligent bits of talk radio we've recently heard was on an ethnic ("black") station in Washington, DC, being uplinked to satellite.

The always interesting Jerry Brown may be heard on the TALK AMERICA NETWORK on Spacenet 3, Ch. 9, 6.8 MHz (also via SCPC on G6/3).

Locally we have two "all talk" stations, one totally right wing, and the other a dissiminator of Chuck Harder's ("For the People") populism and conspiracy theories (Clinton criminality is a major theme of Harder's broadcasts).

And now we hear our nation's blueeyed pride, Col. Oliver North, has joined the talk show craze with a no doubt enlightening program. Not sufficiently interested to have tried to find a satellite feed.

26 MARCH: Noticed this afternoon that C-SPAN's AUDIO ONE is carrying RCI; normally have been carrying VOA during this time period. Is this an accident due to a computer switching failure (carry "Sunday Morning" - unless the computer switches in something else, e.g., Radio Japan), or does this denote a change? Speaking of "Sunday Morning", we among others have noted a deterioration in the program: too many "lightweight" stories (like today's "Movies that have influenced me") and too much music.

21:30 UTC: must be a switching failure because RCI continuing in French.*

AND HOW ABOUT THAT NEW BBCWS SCHEDULE, which is different for various parts of the world? We've been listening to specific BBC programmes at specific, unvarying, times for many years - e.g, the Sunday morning schedule, which includes "Play of the Week", "Newshour", "Concert Hall", feature series at 16:15 and Alistair Cooke. And the same for other days of the week. Our radio listening/TV watching is very much by a set schedule and we don't like to see it disturbed; don't even like the accomodations that have to be made to Daylight Silly Time. Of course, with BBCWS available via satellite (Subcarrier & SCPC) 24 hours per day, don't have to be concerned about SW reception conditions - wonder how much the PanAmSat feed of English language programming will differ from that intended for North America - if at all? Have been recording "Letter from America" virtually every Sunday for over 20 years.

JUST WENT OVER TO WRN (WORLD RADIO NETWORK) - 21:45 UTC - and what do we hear but rhythmic thudding/blipping sounds. When this digital stuff fucks up it does it big time (WRN transmitted digitally from London). Checking the WRN feed on the SCOLA subcarrier on T3/22 (6.2) MHz, the same situation - this is a reuplinking of the G5/6 6.8 MHz feed. (Thought SCOLA was to be strictly digital on Galaxy 4/Ku after 1 Jan., but continue in analog on Telstar 303.)

*Classical mx at 22:00: how can these services be successful with programming so erratic?

27 MARCH: And at 01:00 on C-SPAN AUDIO ONE, instead of Radio Havana Cuba, uplinked from short-wave, 6000 kHz, there was whatever was appearing on 6010 kHz, which included QRM'd Radio Budapest in Spanish. Obvious receiver mistuning. At 02:00 the usual switch was made to WRN for YLE, but instead of YLE there were the digital thumps or whatever from WRN. WRN continued in this mode still for some hours. Were transmitting programming again 11:00 UTC. EVIDENTLY NO ONE MONITORS THE TRANSMISSIONS FROM THESE AND SIMILAR SERVICES: HOW THE HELL DO THEY THINK THEY CAN BUILD AN AUDIENCE FOR THEM WHEN PROBLEMS CAN GO UNCORRECTED FOR HOURS (AND EVEN DAYS - AS WAS THE CASE A WHILE BACK WITH DEUTSCHE WELLE'S MULTILINGUAL SERVICE ON SATCOM C4, CH. 5, 7.74 MHZ)? Automation: everything is in the electronic hands of computers: if they fail? - well, the listener presumably must endure it. We may be willing to do so, because the rewards of services like WRN generally outweigh the breakdowns - but when the audience base is so small to begin with? Why risk antagonizing it?

28 MARCH: DEUTSCHE WELLE TELEVISION (C4/5) are presenting an excellent documentary series: "Reality and Dream: The History of the German Film". The 13 ½ hour episodes are tracing, with examples, the history of German cinema from the earliest days (1895), through the remarkable classics of the silent film era, the early "talkies", the propaganda uses of film in the Third Reich ("Between Ideology and Entertainment") and film developments in the post-war era to the present.

WHILE WRN WERE DOWN, one could tune down from the 6.8 MHz subcarrier on G5/6 to 6.48 MHz where Brother Stairs holds forth: when we did so he was putting down Catholicism. WRN's audio quality is better on G5/6 than on the SCOLA and AUDIO ONE retransmissions.

THE NEW STAR TRECK SPINOFF: "VOYAGER" has had some interesting episodes - but why did they have to bring in that silly little character with the spots who likes to cook?. Have been watching via United Paramont Network's satellite feed Mondays on Telstar 401, Ch. 19: try to catch the secondary affiliate feed at 5:30 pm ET. The other UPN offerings are pretty pathetic efforts. Wish they would put DEEP SPACE NINE out of its misery: tired of all the characters with silly rubber faces. Of course a si-fi series dealing with really interesting/imaginative/intellectually broadening concepts wouldn't be commercially viable - or so the corporate thinking goes. The NBC EARTH 2 was interesting for the first ½ hour of the first episide, then dissolved in silliness. The original STAR TRECK series - still the best despite the primitiveness of the sets - is still in one of its many reruns on the Canadian Broadcasting Corporation: AE1, Ch. 20, 11:00 am ET, Saturdays.

THERE IS STILL A GOOD BIT OF PBS PROGRAMMING being transmitted analog on the Ku Band side of Telstar 401 - thought it all was to be digital. Appear to be special feeds of programming. Georgia Public Television (with PBS programming) and Radio remain analog on T401/Ku. On PBS's C Band feed (Schedule X), intended for home TVRO, funding solicitations have been made and Walter Cronkite has been urging viewers to contact their Congressmen in regard to the threatened ending of governmental funding.

A DIVERSION:

...while she [Ceres] was drinking,
a rude, smart aleck of a boy
who was watching her, rebuked and made fun of
her for the eagerness with which she drank,
at which the insulted goddess
threw the barley water she hadn't drunk
into his insolent face. At once
it was filled with spots, his arms became
legs, and his body extended into
a long tapering tail. To make him
harmless he was shrunk to a tiny size,
leaving him lizard-like but smaller. The
old woman was amazed, and cried
as she tried to touch
the little animal, but he fled to find
a place to hide. With a body bearing brightly
colored spots, he had a name worthy of one
who mocks a goddess: newt.

- From the Muse's song in Book V of Ovid's METAMORPHOSES
(translated by lc)

- not that Hillary is exactly a goddess. The current Congressional instantiation of the species (also an ingredient in the witches' brew in MACBETH) is apparently what a newt can become when it ventures out of hiding (Newt reportedly used to be a shy, retiring type: something of a nerd), becoming that "rude, smart aleck" again. But a type like NG cannot but eventually self-destruct?

17 APRIL: SWLS HAVE LONG had to contend with the vagaries of SW reception which can result in the missing of a favourite program: unfortunately, satellite reception has not wholly overcome the missing of a program (vide supra). Again, yesterday, WRN let me down as we were all set for Radio Korea (following RTE Dublin) at 13:00 UTC, but following time pips only silence; after about 10 minutes we tuned over to 5.22 MHz on C3/7 for the RCI/CBC "Sunday Morning", but after some opening remarks by Brown nothing of interest, so then we tuned up to 5.40 MHz for the BBCWS, "News Hour" in progress. At 14:15 on Sundays on BBCWS we now get the excellent musical program "Music Now" instead of "Concert Hall", a Sunday morning staple around here for many years (vide supra).

WE'VE RARELY LISTENED to the late night talk/call-in show on WHAS, Louisville (840), since Milton Metz retired. Milton was a rarity among today's conductors of such programs in that he had no political axe to grind, was eminiently fair, and always respectful of and courteous to callers. The other evening RFPI reception was so poor (RFPI is often what we're listening to after 10:00 pm ET), we went up to medium wave, and tuning in WHAS encountered the former Metz program, now hosted by a Joe Elliot. What caught our attention was the topic: "The Welfare Game", which turned out to ba a board game, played in a fashion similar to Monopoly, but is based on the worst possible stereotypes of the welfare receipent. The fellow who devised this little vehicle for ridiculing and damning the poor is under the impression that "welfare" costs $500 billion per year. Yes, there are welfare cheats and scumbags - everyone has an anecdote. "Get off your ass and get a job", is an easy response to the "welfare problem" (failing that, may we expect a "final solution to the welfare problem"?), but where there are no jobs, as in Appalachia, where the coal mines provided employment for so many? And remember, in today's concept of a "healthy economy" an unemployment rate of about 6% is considered desirable: true full employment is (gasp, horror) inflationary! Such a prospect as full employment sends shivers down Greenspan's spine and would not be good news on Wall Street. Also, in this era of "lean & mean" corporate downsizing, the objective is to terminate employees by the thousands: corporate CEO's get megabuck bonuses for this activity. So, unemployment (presumably up to a point) is good, but the unemployee, receiving governmental largesse, is a plague on society.

Of course, we're in the midst of the transition from an industrial based to an information based economy, with the attendent dislocations. In the former good jobs were available not requiring the education and intellectual skills necessary for the latter; jobs today's welfare recipients could fill and generally would be happy to do so. But today's small business men bemoan the difficulty of finding good employees - for admittedly uninspiring, dead-end, jobs; but IF one NEEDS a job...

The inventor of the "Welfare Game", like most, is under the impression that welfare programs - providing wherewithal for those too sorry to work for a living - is a part of the Socialistic/Communistic agenda. He kept quoting the Communistic slogan, "From each according to his abilities, to each according to his needs", as if it were edged in black evil. The point is, there was no welfare as opponents of it understand it in the old Soviet Union nor in today's Cuba or North Korea - indeed WORK is REQUIRED of EVERYONE. Too each according to his need is provided only on condition of from each according to his abilities. (Problem: when one is without skills marketable in an economy: or "I thought I had such skills, but I've been fired"...)

According to just analyzed statistics, the U.S. economy is the most stratified in the "developed" world, with the wealthiest of 1% of households holding 40% of the nation's wealth (interestingly, a statistic like that is considered bad, bad, in Haiti). By contrast, the wealthiest 1% of the British population hold 18% of that nation's wealth (was 59% in the 1920s, but we had those post-war years when Britain was in the grips of grim Socialism, from which that wealthiest 1% has not "recovered"). Yet in any way to rectify this "imbalance" in U.S. wealth holdings would be an exercise in that crime nature, humanity and God, "redistribution of wealth". Perhaps one means toward this end, not involgovernmental appropriation through taxes from the wealthy, would be to close the disparity between the salaries of corporate executives and the wages of workers (however few may be left when "downsizing" is completed) - greater in the U.S. than in Japan, Germany, etc.

"No man hath moral claim to more than he can use in a lifetime." - Ezra Pound (hardly a Socialist or even a "liberal"). Is a U.S. with a "banana republic" socioeconomic structure a good thing?

AND THE NATION has just noted the 50th anniversery of the death Franklin Roosevelt ("President Roosevelt has just died", intoned John Daily (CBS) a few minutes after 4:30 pm EWT that day 50 years ago - we were listening, the announcement coming shortly after the beginning of a serial program on the adventures of Daniel Boone). Interesting to hear the memory of FDR honoured by Newt. et al, tho' he is the father of what has grown to be this vile monster, the "welfare state". Presumably none of the problems the nation now faces would exist if there had been no FDR presidency, no New Deal: but if, alternatively, a Fascist or Socialist America had emerged in the 1930s? - a dictator Huey Long coming to power? A fascistic "America First" America making a rapprochment with Nazi Germany?

And there has been talk about the media cover up of Roosevelt's disability. Strange: we knew he used a wheel chair. Remember Lowell Thomas reporting the visiting king of Saudi Arabia - who was not crippled - being so impressed with a wheel chair as an easy way of getting around that FDR gave him one. A crippled FDR was a better man than anyone we have today in either party.

24 APRIL:

The tree that grows
from the poisoned soil that nourishes the paranoid ultra right
has borne its deadly fruit:
the Oklahoma City bombing
that the media is calling "Terror in the Heartland" /

Upon hearing the initial report of the Oklahoma City incident, like any "dish head", we immediately started scanning the skies. But we didn't have to go far - from G-Star 1 (where the previous day we had been watching some of the "backhaul" [Court TV] feed of the Simpson trial) - to Galaxy 4 (Ku), where we encountered Oklahoma City TV station KWTV (Ch. 9) being uplinked providing what turned out to be many hours of continuous coverage. The feed was intended for the station's Network's (CBS) use. Other O.C. stations were doing the same thing for their Networks, but we generally stuck with the KWTV coverage, which was quite good. And it wasn't long before dozens of mobile uplinks and news organizations from everywhere were converging on O.C. Evening news anchors were quickly dispatched (Ms. Chung from CBS - where was Dan?; this was his kind of story - and Mr Brokaw from NBC: he who takes such care with hair grooming), Many U.S. TV stations had their own uplinks there: KDFW, Dallas; KENS, San Antonio, KHOU, Houston; KOB, Albuquerque; KVOO, Tulsa; CNN - to name a few we observed. Uplinking was also being provided by Oklahoma State University's and Iowa State University's satellite facilities. As is usual in these situations there were pool feeds with individual reporters sending reports back to their stations, one after the other. Reuters had a feed up by the following morning. We observed feeds going to Japan, Korea, Sweeden, France, Germany, Italy and the UK. Satellites on which we found feeds were G-Star 4 (CNN & others), Galaxy 4 (CBS, Reuters, KWTV and others), Telstar 401 (ABC and others), SBS 6 (where KWTV was up the following morning, the continuous coverage being taken down by 11:00 am ET), Galaxy 7, Satcom K2 (NBC & NBC affiliates) and Spacenet 2 (NBC and others) - first time we have seen NBC using this satellite - all Ku Band (we didn't check C Band for "backhauls", since virtually all ENG these days is via Ku Band). And as attention a day or so later switched to suspected culprits the satellite uplinks followed that action, being parked in view if the Michigan farmhouse as the search was conducted there and Nichols' neighbours were interviewed; pretty sure we heard one of the interviewees say the Nichols were members of Chuck Harder's "For the People". On Friday afternoon we encountered KOCO's (O.C.) coverage of the arrest and jailing of suspect McVeigh. Feeds the past couple of days have been focused on the continuing rescue/recovery of casualties effort with graphic footage.

Unquestionably the least glorious aspect of the media's coverage of the Oklahoma City incident were the reckless and unfounded reports that the perpetrators were "Middle Eastern", i.e. Arabic/-Moslem: indeed, this rush to judgement could be called "racist" (association of crimes with particular racial or ethnic groups - "Arabs blow up" = "Niggers steal".)

Of course the quesion is: How could it happen? Is such an act the logical extension of the anti-government hate mongering abroad in the land? That soil we spoke of above is an amalgam of loony-bin nightmares consisting of black helicopters, hordes of United Nations soldiers, Jewish/international bankers, Masons, Communists, liberals, a criminal government headed by a criminal president intent on disarming the population to insure the "take over", etc., etc. To save the country and the constitution - to which they claim undying dedication - militia groups have become the trees growing from that soil: militia groups with a mission: if not to destroy the evil unconstitutional government, then at least to resist it in every way possible: paying no taxes, eschewing social security numbers, drivers' licenses (those means by which the government can keep tabs on you). For these people a tyrannical government must be met by revolution exactly as the Patriots of 1776 revolted against the British King. And their great symbol of this tyranny is the attack on the Branch Davidian compound, that date determining the date for the Oklahoma City incident.

According to Carmine on his program last evening (Carmine is a self-styled street-wise New York Jewish liberal who hosts weekend call-in programs on WLW [700] - had never heard him before happening to tune in - a refreshing contrast to WLW's great "normal American", Bill Cunningham), an Ohio milita leader the previous evening had dismissed the O.C. deaths as "collateral damage", an unfortunate but necessary consequence of the struggle. And what could be more important than saving our liberties? than saving ourselves from the Great Conspiracy? than saving ourselves from the United Nations World Government? The taking of innocent lives must be seen from the perspective of the greater good: remember there were innocent lives taken in the atomic bombing of Japan and the fire bombing of Germany. GOVERNMENT IS THE ENEMY GOVERNMENT IS THE ENEMY GOVERNMENT IS THE ENEMY EVERY AGENCY OF GOVERNMENT IS THE ENEMY (doesn't Pat Robertson say so?): IRS, FBI and especially the Division of Alchohol Tobacco and Firearms with its Gestapo like activities/harrassments.

Now we have the question as to what the plethora of talk/call-in shows, most of them ultra-conconservative to loony-bin right - have had to do with raising the level of discontent among malcontents, to the extent that there are those among them who could be moved to take such action as the Oklahoma City incident? Mr Clinton, to the consternation and dismay of some conductors of these

programs, has indicated that their suggestions can indeed result in the most violent actions. It should be no surprise that inflamatory talk can result in flames. And when the relatively tame Limburger (only because there are those even more outrageous), asks listeners - presumably facetiously - whom they would like to kill, and listeners, quite seriously, call with their candidates? The favourite candidate for assassination was Jesse Jackson. (Yes, this really occurred on Rush's show some time ago on one of the few occasions when we happened to be listening.)

25 APRIL: No, rabid talk show types didn't cause the Oklahoma City incident, but we believe thay have contributed to a milieu in which such an event became possible. As more and more Americans find themselves facing essentially empty and unrewarding lives (vide the "white male anger"), filled with fear they're going to lose what they have (materially as well as their "freedoms"), ready to find scapegoats: minorities, the government, "liberals", immigrants, Bill Clinton, and seeing a whole litany of paranoia generated bogey men about to pounce, talk shows are there to lead and feed the chorous.

And all shall be well, America shall have been restored, Constitutional government shall have been saved, when "Bo" Gritz (believe that's his name), on a white horse, leads his legions to the capitol in a triumphant march proclaiming, "Waco is avenged! No more taxes!" Next will come the trial and execution of the criminal Clinton, "Butch" Reno and all ATF agents, all under the supervision and direction of the People's Revolutionary Guns, God and Liberty Government's Attorney General, Gordon Liddy. (Ironically, one of the Revolutionary Government's first actions - to protect itself - will be to BAN gun possession by "subversive, anti-Constitutional elements": liberals, blacks, welfare recipients.) Rush Limbaugh, the Government's chief propagandist - essentially continuing the role he already has for Mr Gingrich - will spend many hours on television and radio explaining the Government's "Enabling Act to Preserve and Protect the Constitution".*

*[*Actually former welfare recipients, that bum & bastard generating program having been terminated forthwith..]*

What if the militant left, e.g., during the Viet Nam War era, had been filling the airwaves with the types of suggestions that have been coming by that medium from the ultra right? Would it have been tolerated? "Free speech" or no, absolutely not. But that sort of thing would not have been commercially viable, whereas a large portion of the American public - enough to make it commercially viable - like what they hear from the ultra right. Hate resonates in the frustrated heart, and talk show talk provides a means for people at least vicariously to kill Clinton, Jesse Jackson, etc., whom they find so threatening.

27 APRIL [Tuned in for the 16:30 WRN release of RNW (for News, Newsline, Media Network), but another WRN breakdown a few minutes into the transmission; will try again tonight.]:

The Second Amendment confirms the people's right to bear arms on condition that those arms bearers are a part of "a well regulated militia". No standing army was envisioned at the time of the writing of the Constitution, a state sanctioned citizen militia to provide for the nation's defense. Privite armies with their own political agendas are NOT what the Second Amendment was intended to sanction.

Some stations carrying G. Gordon ("Shoot 'em in the head") Liddy's program are polling listeners as to whether they should continue to carry the Great Patriot. Among those stations are WCKY (550), Cincinnati and WWKY (590), Louisville. WCKY management say the poll was planned before the Oklahoma City incident. Locally, WLXG (1300), with its virtually all "conservative" talk format (including the recently added "Black Avenger"), tho' Liddy has made the management "uncomfortable", have no plans to drop him. The station manager describes Liddy's more inflamatory comments as "just schtick", yet considers the program to have a serious purpose. Presumably sophisticated listeners may grasp the "schtick" aspect as such, but what of those who don't? "I'm happy our station is in a position to allow people to express their opinion and sometimes pretty heatedly", said station manager Curtis: "I think talk radio is hot because people have a medium [whereby] they can do that." People used to live those lives of quiet desperation, but with talk radio that desperation can take a loud and uncivil form. WCKY report that of 4000 calls received in the poll, a slight majority give the G-Man thumbs down. WCKY management was concerned about Liddy's specific instructions on how to kill with guns and knives. Presumably valuable information to have in the coming uncivil war, which the more militant right fully anticipate. ("Have you killed your liberal or black or Jew today?") According to Liddy's syndicator, Westwood Entertainment (who also syndicate Tom Leykis), only one station has recently cancelled the show: a California station in March.

WLXG's local "conservative" talk show host, Tim Rains (with his Slavery's over so shut up attitude toward blacks), is reportedly trying to distance himself from Liddy as well as militia types who frequently call his show. "These people give conservatives a bad name", he blubbers: doesn't want to be hung with guilt by association.

ATTENTION CONSERVATIVES, both good and bad: we suggest you examine the writings of the philosophical father of the American Revolution, John Locke, to see what HE said about "conservatives".

WORLD RADIO NETWORK
SUMMER SCHEDULE FOR NORTH AMERICA
GALAXY 5, 125 DEGREES WEST, TRANSPONDER 6, 3.820 GHZ
VERTICAL POLARIZATION, AUDIO SUBCARRIER 6.8 MHZ (WIDEBAND)
(The video on this transponder is Videocipher II+ encrypted WTBS, Atlanta)
ALSO AVAILABLE ON CABLE IN SOME AREAS
AND ON C-SPAN AUDIO ONE FOR 8½ HOURS PER DAY
A SECONDARY SATELLITE FEED IS ON TELSTAR 303, TRANSPONDER 22, AUDIO SUBCARRIER 6.2 MHZ (SCOLA)

Eastern Daylight Time

0030: BBC EUROPE TODAY (MON-SAT)
BBC INTERNATIONAL CALL (SUN)
0100: DEUTSCHE WELLE
0200: SWISS RADIO INTERNATIONAL
0230: RADIO CANADA INTERNATIONAL
0300: ABC RADIO AUSTRALIA
0400: KBS RADIO KOREA INTERNATIONAL
0500: VOICE OF RUSSIA
0530: RADIO NETHERLANDS
0630: CENTRAL EUROPE TODAY (MON-FRI)
BBC INTERNATIONAL CALL (SAT)
BBC INTERNATIONAL MONEY PROGRAM AND HEALTH WATCH (SUN)
0700: ABC RADIO AUSTRALIA
0800: RTE FROM DUBLIN, IRELAND
0900: KBS RADIO KOREA INTERNATIONAL
1000: YLE RADIO FINLAND
1030: RADIO VLAANDEREN: BRUSSELS CALLING
1100: RADIO FRANCE INTERNATIONALE
1200: VOICE OF RUSSIA
1230: RADIO NETHERLANDS
1330: RTE FROM DUBLIN, IRELAND
1400: ABC RADIO AUSTRALIA
1500: BLUE DANUBE RADIO VIENNA (MON-FRI)
UN RADIO & BBC EUROPE NOW (SAT)
GLENN HAUSER'S WORLD OF RADIO (SUN)
1530: RADIO VLAANDEREN: BRUSSELS CALLING
1600: RADIO SWEEDEN INTERNATIONAL
1630: BBC EUROPE TODAY (SUN-FRI)
BBC INTERNATIONAL CALL (SAT)
1700: RTE FROM DUBLIN, IRELAND (INCLUDES NEWS, BOTH SIDES NOW & FEATURES)
1900: POLISH RADIO WARSAW
1930: RADIO NETHERLANDS
2025: YLE RADIO FINLAND (NEWS IN FINNISH)
2030: RADIO SWEEDEN INTERNATIONAL
2100: YLE RADIO FINLAND
2130: KOL ISRAEL
2200: RADIO PRAGUE
2230: RADIO AUSTRIA INTERNATIONAL
2300: RADIO BUDAPEST
2330: RADIO NETHERLANDS

All programming is in English except for the five minutes in Finnish. The schedule is subject to change. Technical problems may result in transmission breaks of long or short duration. Vatican Radio has been dropped from the Summer schedule. The Voice of Russia programming has sounded of late as if the WRN downlink is mistuned. We understand WRN are to put up a channel to North America carrying non-English programming. We wish they could put up a channel carrying BBC Radio 4 and othe British domestic programming. (1c)

INTERNATIONAL RADIO ON THE CBC: Commencing 1 May from 1:00 am to 6:00 am local time the CBC mono (primarily news & information) network is to carry a selection of programming from international broadcasters. Of late these had been quiet hours. The schedule is as follows: 1:00-2:00 am: Radio France Internationale; 2:00-3:00 am: Radio Netherlands; 3:00-3;30 am: Radio Sweeden International; 3:30-4:00 am: BBC; 4:00-5:00 am: Deutsche Welle; 5:00-6:00 am: ABC Radio Australia. Satellite feeds should be at these UTC times on the following channels (all on Anik E1): 04-09:00: Ch. 16, 5.58 MHz; 05:00-10:00: Ch. 20, 6.12 MHz; 08:00-13:00: Ch. 22, 7.425 MHz. These are, respectively, Atlantic, Eastern and Pacific time zone feeds, accomplished via tape delay.

NHK's program channel for North American viewers is to be found on Galaxy 6, Ch. 5.

[The above items - in italics - from RNW: "Media Network", 01:30 UTC release, 28/4.]

28 APRIL: It appears that the Oklahoma City incident and the apparant ultra right/militia connection has resulted in some publicity for shortwave radio, which has provided an outlet for the far right on stations WWCR, WRNO, WINB and WHRI, the mainstream media having been unaware of Cooper, Mike from Mich., etc. (Mike didn't show up last evening, the program being conducted by others heatedly denying all of the smears to which the militia movement is being subjected).

RFPI, as a result of all this, have been presenting some special editions of the "Far Right Radio Review" this week, themselves getting some publicity for this program which has been keeping tabs on "conservative" radio personae from the Limbaughs to the most radical right.

Some have been trying to draw parallels between the Oklahoma City incident and terrorist actions taken by the more militant Viet Nam War protesters (e,g., the Madison incident - locally a University of Kentucky structure was burned down). But as an apologist on this morning's Juliann Malveau Show (Pacifica) pointed out, such actions occurred when the buildings were expected to be unoccupied, not at a time of maximum occupancy as in O.C: a difference that is presumably more than a nuance.

radio equipment forum

LOREN COX, JR 1106 CLEVELAND AVE LEXINGTON, KY 40505

WE DO RECEIVE inquiries about receivers, tho' we are not in the most advantageous position to proffer advice in regard to receiver selection not having "hands on" experience with most currently marketed units, so we have to be rather general and take into consideration published opinion. In the matter of receiver reviews, over the years, we have found the most reliable to be those appearing in QST magazine, the ARRL publication. Tho' receivers are assessed primarily from the standpoint of Amateur communications use, if a receiver is given good marks in that regard, it should most likely do a good job as a SWL/DXing machine. Also the ARRL lab performance measurements indicate the most significant things a Ham or DXer would want to know about a receiver.

In regard to a query about receivers from DWIGHT HANSON (WA) KB7AJE, we made these observations:

OF COURSE THE IDEAL RECEIVER doesn't exist. It would be an engineering impossibility. The best one can do is to select the receiver that seems to provide the most of what one wants at a price one can afford.

Choosing between what are evidently the three best receivers, from the standpoint of overall performance, on today's market, the W-J HF-1000, the JRC-NRD 535 (especially with the Sherwood adaptor - see the review in RIB 148) and the Drake R-8 is like asking an ice cream lover to choose between three flavors. Each receives has its +es and -es. The W-J is no doubt great for certain applications, e.g., as a laboratory receiver for very precise frequency measurement and forms of surveillance work, but considering its expense, does it really do that much for the serious SWL-DXer not accomplished just as well by less expensive receivers? The '1000 is unquestionably a very impressive piece of computer-radio engineering, tho' it has come on the market with some problems that should not exist in a piece of equipment costing that much. These problems, including internally generated noise, are reportedly being corrected. The 1000 is a "consumer" version of the commercial W-J 8711, intended for governmental and other professional users. The two receivers look exactly alike and have virtually identical published specifications. The '8711 is described by the manufacturer as "a fully synthesized, general purpose, HF receiver for surveillance and monitoring RF communications from 5 kHz to 30 MHz with 1 Hz tuning resolution." Unquestionably impressive frequency accuracy - but does the Ham or SWL need it? Does the '8711 have the '1000's reported defects? Maybe what would be problems for the Ham/SWL wouldn't be in surveillance and other government/professional applications. Or maybe the W-J is an example of "over-engineering", with the zeal to meet certain criteria of receiver excellence resulting in oversights in other areas? We sometimes feel some of today's receivers are designed by RF/computer engineers who achieve what they want from the "digital" standpoint, but are not radio listeners in the way radio hobbyists are.

Larry Magne loves the Drake R-8. We remember his (justifiable) love affair with the Drake R7/A, perhaps, overall, still the best SWL/DX receiver ever built, tho' it has been alleged to have drift problems - relatively speaking (uses a mechanical VFO), and is difficult to operate, but is nonetheless capable of doing great things. If we were to buy a radio today, considering the performance/price, it would most likely be the R-8 (and not its companion, the "quasi-portable" SW-8, which, we understand, is something of an aviary). For the budget-minded, the Yaesu FRG-100, coming in at less than $600, appears to be an excellent buy in a "table top", tho' it does not provide synchronous detection. Icom's and Kenwoods have climbed to over a kilobuck, and NRDs always have been. Another under one kilobuck receiver that appears to merit consideration from a prospective purchaser is the AR3030. Anyone have any experience with this unit. Everything we've mentioned here plus the Loews just about covers it in the way of current table top receivers. There are some good portables around - guess the Sony ICF-2010 is still the best of the lot - but none really good enough to be one's "main receiver", i.e., if one is into DXing and not just casual listening.

Better shape-factor filters than the ones generally supplied by receiver manufacturers always inprove receiver performance in the area of interference rejection. Several selectivity settings are always desirable, always using the widest one (for audio fidelity) possible on the basis of the amount of adjacent channel interference.

We were never much concerned about "ergonomics" - receiver operating convenience. If the facilities are there to make a receiver do pretty much what we want it to do, we really don't care how much knob and switch manipulation is required: all that matters is results. A control

that has been eliminated in today's receivers is one for RF peaking, that is, a tunable RF amplifier stage. The practice now is to employ bandpass filters in the "front end" that cover segments of the HF spectrum: the more of such filters employed, the "tighter" the "front end" selectivity, but, of course, they can't provide the degree of selectivity possible with "on the nose" tuning. A seperately tunable "preselector" was incorporated in receivers like the Collins S-Line, the Drake R-4 series and SPR-4, and the Yaesu FRG-7 and FRG-7000, among others. Tho' a bit inconvenient, in that manipulation of two tuning controls was required in tuning in a station - one for frequency selection and the other for maximum RF response - one would be receiving the station peaked to the maximum. But design engineers evidently felt that single knob tuning was more to be desired than that additional means of securing the maximum RF response; any loss in the latter would not be that significant, probably the case in a receiver like the R7/A that employed 10 "front end" filters. Still, we liked the seperately tunable preselector. (The R7/A required a "band switch" to switch in the appropriate filter; in currect receivers the switching is automatic.) [NOTE: If anyone requires or would like to have the Service Manual for the Drake R7/A we have one for sale for $30:00 - purcahsed at the time when we were contemplating the purchase of that receiver.]

The main SWL complaint about older Drake receivers (e.g., the R4s and SPR-4) was poor audio quality, although very good in other respects. The R7/A audio - with a good speaker - was considered excellent by some (Magne), not so good by others. The revered Collins R-390 is a mechanical (or monster - depending on how you look at it). In Collins VT receivers, we prefer the 51S, which, to our ears, with its other virtues, has surprisingly good audio.

Of course - with the exception of the R-390 - the Collins and Drake VT receivers (and the solid-state SPR-4) provide only analog frequency readout to 1 kHz.

In regard to VHF/UHF receivers, we have an Icom R-7000: main problem, poor RF dynamic range (overloads on FM broadcast band. The R=7100 allegedly has somewhat better sensitivity. Don't know about the dynamic range. Currently marketed '7100s have cellular deletion, tho' Grove is marketing an external converter to restore it.

The only antenna (actually aerial) we've ever used is a length of wire stretched across the roof. As for an indoor antenna, we would recommend a **tunable** active (amplified) antenna (antenna-preselector combination). Actually, as old Henry Hatch of the BBC's long gone "World Radio Club" used to say, NOTHING replaces a good outside antenna (aerial). That is, assuming you have a receiver that doesn't suffer mixer collapse - as virtually all portable receivers do - with large signal inputs - tho' that may be overcome, vide infra.

SPEAKING OF PORTABLES: JOHN T. WAGNER (OH) has a nice collection of them, including the Grunding Satellit 700, YB 400, YB 206; Sangean 803, 808 and 202; and Realistic 342 and 300. Mr Wagner loans radios to the disabled as a means of getting them into SWLing. He says:

My favorite receivers are the YB 400, the Sangean 803A and the Realistic 342. I use the the smaller radios like the 342 for walking . They work very well for that purpose. The 342 is just the right size; it just lays in the palm of my hand. I carry the 342 in a cheap camera case that fits on my belt... In the evening I stay out for several hours and carry the YB 206 for a greater variety of frequencies. I also use the 342.

The Satellit 700 is a very good radio, but as far as I'm concerbed the 803A works just as well. The audio is not important to me as I most generally use headsets. I have a 30' random wire antenna that I feed into my basement and hook up to the 803 through a Radio Shack active antenna that I paid $17.00 for. The active antenna serves more as a tuner and works very well on any of my receivers. [As remarked before, our RS DX-440 - very similar to the 803A - performs very well when connected to an outside antenna through the Panasonic RD-9820 antenna tuner/-coupler; eliminates the overload problem encountered when directly connecting to an external antenna while greatly boosting reception. -lc]

I mention my radios as I heard [on "World of Radio"] last night...that some of the self-appointed radio upper crusters were getting under your [gh's] skin somewhat. To hell with them... most of the SWLs are guys like me who just like to listen and aren't uppidy or foolish enough to pay the 2 to 4 thousand dollars for a radio full of fancy do dads. I'll bet that 90% of your [gh's] loyal followers don't have a radio that cost more than a few hundred dollars and most are using second hand 803s or 808s and like them because they are affordable and easy to operate. Most people, in fact the overwhelming majority of radio listeners that I meet at the radio store, would not want any of those fancy jobs as all the dials and buttons hold up the listening time. We just like to turn the thing on and dial around for something that sounds clear... forget those uppity people [and their receivers guilded with ornaments] that no one pays any attention to.

Well, John, there are appreciative radio listeners like yourself, for whom simple receivers are quite adequate for what you want a radio to do, and there are FANATICS, those "uppidy people", as you term them, who feel they must have the last word in receiver technology and may even look down

on those that don't.

[INTERRUPTION: TERRORIST BOMB ATTACK IN OKLAHOMA CITY (20/4/95). Went to satellite just after hearing bulletin on local television. At the moment (1:00 pm ET) watching "Live Breaking News" from Channel 9, Oklahoma City, being uplinked to Galaxy 4, 12.060 GHz, providing continuous coverage. This feed is for the use of CBS in New York, Ch. 9 being a CBS affiliate. Live and taped footage, some quite devistating, whole side of the Federal Building blown off. [For more on this see "The Media Mind".]

But there can be "techno freaks" who so genuinely admire extreme sophistication in a radio that they derive great emotional satisfaction in possessing it. And if one is a DXer intent upon digging out signals under the most difficult reception conditions, then a "whoopsie-do" inhaler will incorporate facilities to facilitate that. But to have such a receiver when one's interest is in listening to major international broadcasters does amount to overkill. And it isn't impossible to do some DXing on simple receivers if one keeps on top of reception conditions and is a patient and careful tuner. Indeed, its more of an accomplishment to pull in "tough ones" on an inexpensive receiver than on a "glory box" with all sorts of signal processing aids. After all, we once snagged a Siberian Amateur on our DX-440 on 10 meters and we used to listen to Ulan Bator on a Panasonic RF-2200 (a fine analog portable, a better radio that Panasonic's digital portables of the time).

John is right that one can enjoyably (and even effectively) "play radio" without multi-kilobuck radios. There are times when we wish we hadn't sold our Frog-7, unquestionably the best buy in a simple, well built, competently performing (with selectivity modification) receiver ever offered to the SWL. We've said it before and will likely say it again.

USENET NOTES ON HALOGENITUS (via GEORGE THURMAN):

I listen on a Grunding YB-500 which I have owned for about eight months. Two days ago it started issuing a loud buzzing noise on all AM and MW frequencies, but FM was OK. Thinking that the unit was broken, I called the Grunding hot-line number and spoke with a technician named Robert. He suggested that I try using the radio in different parts of the house to see if the buzzing would go away. IT DID! Upon returning to the room where it started, the buzzing came back again.

"Duh seems like there might be a correlation here", I said to myself.

Then I remembered that two days ago I installed over my desk (which is where I use the radio) a wall-mounted desk lamp. Unfortunately it is a halogen lamp that has a transformer at the end of the power cord that plugs into the wall socket. Unplug the lamp, and the noise stops! So now I listen in the dark.

Moral of the story: Short wave and halogen don't mix. (Tom Engel)

More:

I have a halogen at my place. I find that the lamp does not interfere with reception provided that I turn it all the way up (or turn it off!). Apparently, the built in dimmer control is the thing that puts off most of the RF noise. I believe that someone else posted an item that they had trouble with dimmers also. (DaveDave)

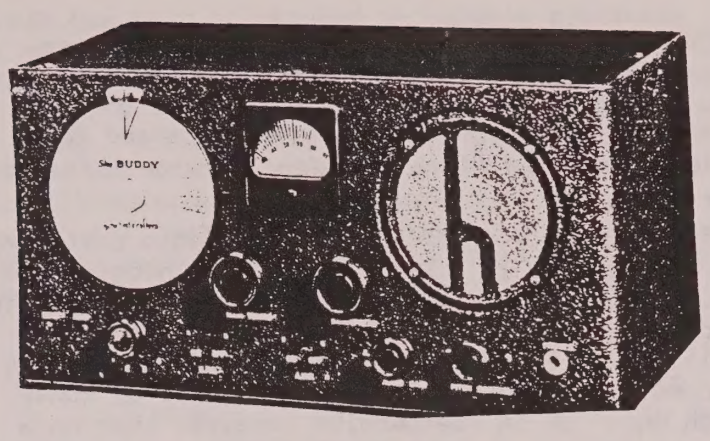
Reply from Mark Overton (Hewlett Packard):

Here at HP, we go through considerable effort to minimize RFI - Radio Frequency Interference - emitted by our products. Yet a single light dimmer blasts RFI all over the place! I'm a little surprised that they're even legal. They can't possibly pass FCC Class A or B.

THERE IS ANOTHER TYPE OF INTERFERENCE - not exactly interference, but actually tunable hum - that can be caused by power supplies in electronic equipment or plug-in power supplies. The effect is excessive hum on stations on some frequencies. A cure is a cap across the power supply diode. Cap can be a .001 to .01 ceramic disc. If a ½wave rectifier, use one cap; a full wave, two caps, one for each diode. Another solution: simply unplug from the AC the offending power supply. Remember when we had to unplug the power supply of the security system in a building in which we once worked/-lived in order to eliminate this tunable hum problem when we wanted to do any SWLing.

UNIVERSAL RADIO, 680 Americana Pkwy., Reynoldsburg, OH 43068 (800 431-3939 for orders) are currently offering $100 discounts on two Grunding receivers: the Yacht Boy 400 for $149.95 (reg. price $249.95) and the Satellit 700 for $299.95 (reg. price $399.95). The AC adaptor for the 400 is available for $12.95 and the Memory Chip for the 700 is available for $11.95.

OF ALL OF THE receivers manufactured for the Ham/SWL market, we wonder what was the all time best seller? Most certainly it would have been a unit in a lower price range. Just as a guess, we would say that in recent years the best seller could be the Sangean ATS-803A, and among higher priced portables, the Sony ICF-2010. Among "table tops", on the basis of price alone, the best seller should be the Yaesu FRG-100, tho' it probably isn't: our guess, the Kenwood R-5000. We don't know how actual sales numbers of today's popular receivers would compare with the popular ones of yesteryear - would be greater perhaps on the basis of there simply being a larger population - more



people into SWLing - more radio buyers - tho' the actual percentage of the population engaged in SWLing - small - is probably about the same. Perhaps the champion best seller in bygone days was the little box at the left and its successors. This is the Hallicrafters S19R, known as the "Sky BuddY" (in the 1930s Hallicrafters gave their receivers names, "Super Skyrider" being the top of the line and "Sky Buddy" being the bottom of the line. According to Ray Moore's COMMUNICATIONS RECEIVERS, a 1939 QST reported 12,000 S19Rs had been sold. This was an AC operated unit (transformer powered), six tubes, in a sturdy steel cabnet: price was $29.50. The post was version of this receiver was the cheapened up S-38 series, transformerless (AC/DC) sets. Thousands were sold (even we purchased one). In 1961 Hallicrafters revived the "Sky Buddy" name with the "Sky Buddy II" (S-119), a three tube set that sold for $49.95. The S-119K was a kit version of this receiver. The first S-38 sold for $39.95; mine cost $49.95 (1952). Actually the first "Sky Buddy" was the 1936 5-T, a 5-tube transformer operated set.

AND BY WHAT INTERVAL SIGNALS might one have identified stations one likely would have heard on that 5-T? There would have been that cuckoo call on CT1AA, Lisbon; Big Ben (of course) from Daventry; the three tones (D-C-G) from DFB, Nauen; the famous kookaburra bird from VK2ME, Sidney; Kremlin bells from RNE and RW59, Moscow; from I2RO, Rome, the Fascist Anthem; from HCJB, a two tone chime between announcements; from PMC and PLF, Bandoeng (a good catch), three tones (F-D-C) sounding like an automobile horn; the beginning of BBC transmissions was preceded by a playing of Bow Bells, a practice that has continued through the years; on FYA, Paris, the studio clock could be heard striking every ¼ hour; and Vatican Radio could be identified by the loud ticking of the studio clock....

DALE STUPFEL (CA) asks about the potential usefulness of "antenna tuners or matchers (or preselectors, etc.) for those who feel they 'don't have quite enough antenna' - say for those with about 40 feet or so when we think we need about 70+ feet (or a tuneable preamplifier?). There may be any number of people with a tiny back yard, living in houses built back in the 1950s. Or people who have about 40 feet in their attic. I've heard that 'active antennas' often introduce noise, and I've noticed that some have only a short antenna before their 'outboard module' (but I've got those 40 feet in my postage stamp back yard...)."

An inadequate aerial (antenna) - or not having as much of a wire as one would like - is a problem for many urban dwelling SWLs (is worst of all for apartment dwellers). Using a good sensitivity receiver there probably wouldn't be a significant difference between a 40 foot and a somewhat longer antenna, certainly at the higher frequencies; very lomg wires will show to best advantage on the lower frequencies. In urban areas a lot of antenna can almost be a disadvantage because it will pick up as much or more electrical noise than signal (from power lines, neighbouring electrical appliances, etc.). (The Jones "noise cancelling antenna" configuration of the 1930s was an attempt to overcome this problem.) Antenna matchers and preselectors produce better receiver response to whatever in the way of signal or noise is reaching the aerial (antenna), but their greatest usefulness is with lower sensitivity receivers, and in the case of tuneable devices, to improve receiver "front end" selectivity (reduces the potential for "images" and other false reception). Antenna matchers and preselectors are actually different sorts of devices: the former maintains a tighter coupling of the antenna to the receiver than would otherwise be the case (thus better signal transfer), while a preselector does literally what the name implies - it pre-selects a narrow slice of frequency for the receiver to "look at", that "narrow slice" being shiftable as the preselector is tuned, such a device usually being tuneable throughout the HF range. A preselector usually contains an amplifying deivce actually to increase the strength of any signal falling within that narrow slice of selected frequency. (If noise is also being received it will be amplified also.) Assuming that the "noise figure" of the preselector is superior to that of the receiver, the overall "noise figure" of the receiving system shall have been improved ("noise figure" refers to the internally generated noise of an RF amplifying device: the lower the figure the better. For a HF [shortwave] receiver, because of the external [electrical] noise that will be picked up, a very low noise figure [say about 6 dB] isn't of much practical use; suspect we've mentioned this before). Wideband (untuned) RF preamplifiers (with a good noise figure) may improve receiver weak signal performance, but most likely will degrade what may already be unsatisfactory intermodulation performance. The same is true of "active [untuned, amplified] antennas"; a tuned active antenna will provide better results. But such a device should be used only when an outside antenna (aerial) is not feasible - cf. Henry Hatch above. An antenna tuner (matcher) in a way functions as a "passive" (preselector), in that will emphasise reception on a narrow range of frequencies to the exclusion of others.

AND WHAT IS "ID LOGIC"?

PAVING THE WAY FOR A NEW WORLD STANDARD FOR SHORTWAVE BROADCASTING
(from WWIV Net / Scanners & Shortwave)

Several of the major international shortwave broadcasters and receiver manufacturers of the world met last month in Hong Kong for the ID LOGIC Shortwave Conference convened jointly by the BBC World Service and PRS Corporation.

At issue was the development of a new coding standard for digital signals used in shortwave broadcasting and receivers which will bring ease of use to shortwave listeners worldwide.

The coding standard agreed to, coupled with in-receiver database technology developed by PRS corporation will allow broadcasters to send their frequency svhedules in digital format over the air to in-receiver memory banks. This will permit listeners to tune to their desired broadcaster and programming language at the touch of a button.

The broadcast schedules will contain all the necessary information such as frequencies, broadcast time and days, languages, target areas and the like.

A SHORTWAVE REVOLUTION

ID Logic will make shortwave listening user-friendly. For the first time ever, Gordon Harold, former Chief Engineer of the BBC World Service said that "ID LOGIC could transform and revitalise shortwave listening around the world", and Jacques Bouliane, Director of Engineering at Radio Canada International has said the technology "can give a second youth to shortwave broadcasting." Jean-Marc de Felice, Technical Director of Radio France Internationale, believes that "this new technology, applied globally, could considerably facilitate the reception of international broadcasts."

Tha advantages of ID LOGIC SW will be evident to anyone who has tried to tune to shortwave broadcasts: It is notoriously difficult to find a desired broadcast without the help of a frequency guide (which tends to become out of date the day it leaves the press). This is due to the fact that transmitter frequencies often do change according to region, time of day, season, and occasionally, to overcome interference or jamming.

ID LOGIC SW overcomes these problems by having a database in the receiver's memory (which is updated by the broadcasters themselves via digital transmissions) and control software stored on a proprietary microchip.

TWO MODES OF TRANSMISSION

ID LOGIC SW provides for two modes of transmissions - one audible, the other silent. There are advantages to both methods and it was agreed to use the same (base band) encoding method for both modes - thereby simplifying the receiver design and cutting the retail cost to the consumer.

The base band encoding of the data will use the AMDS (Amplitude Modulation Data System) for= matdeveloped in Europe (a cousin of the RDS system widely used there for digital data transmissions in FM broadcasts).

An early emphasis will be placed on the audible method as it requires no special hardware installation at each transmitter site. In this mode, it is envisaged that short bursts of digital transmissions will be broadcast regularly: for example at the tail end of every hour of venacular programming. The data will be broadcast by using a method such a Frequency Shift Keying (FSK) which will sound somewhat akin to the noise produced by a modem or fax. Using this audible method, transmission speeds of 2400 bits per second are expected.

Although the data transmission rate in the silent mode will be much slower (200 bits/sec),it will have the advantage of being continuous and transparant to the listener, and it will provide online identification of the transmission. But this requires special hardware at each broadcasting site and a somewhat more expensive implementation in the receivers. Note that Deutsche Welle is already radiating scheduling information, online identification and tuning data in silent mode from several shortwave transmitters.

ID LOGIC SW CONSORTIUM

Present at the conference were most of the members of the ID LOGIC SW Consortium, an informal group of shortwave broadcasters which is formed by, and open to, all interested shortwave broadcasters. Represented were the BBC World Service, the Voice of America, Radio France Internationale, Deutsche Welle, Radio Canada International and PRS Corporation. Also present were delegates from Philips, Sangean and Sony.

The Consortium was initially formed in 1992 by the BBC World Service, the Voice of America and the PRS Corporation. In addition to those mentioned above, it has also been joined since then by several other international broadcasters.

ID LOGIC - A MATURE TECHNOLOGY

ID LOGIC is a mature technology, the AM/FM form having already been licensed to consumer electronics giants such as Sony, Panasonic, Pioneer, Kenwood, Alpine, Sanyo, Clarion, JVC and others, primarily for car radios and most recently for in-personal computer receivers.

ID LOGIC car radios have been on sale in North America since 1990 and the award winning

technology was incorporated into the new RBDS (Radio Broadcast Data System) U.S. standard issued by the National Radio Systems Committee in 1993.

The system allows the listener to find a station by type of music (format) and to automatically identify a station by name, format and location. In its AM/FM implementation, the in-receiver database contains the description of the 14,000+ North American radio stations, and according to Pierre Schweb, President of PRS Corporation, "It means radio listeners driving, say, from Miami to Anchorage, Alaska, can ser their radio to pick up jazz stations automatically along the way. You can set your receiver to any general classification such as Rock, or you can be as specific as choosing between Southern Gospel, Christian Gospel, Black Gospel or Religion."

OVER THE AIR TEST PLANNED FOR THE FIRST QUARTER 1995

A system that instantly finds the right service, the right frequency and even the right language has an obvious appeal to shortwave broadcasters. Similarly, radio manufacturers recognize the listener appeal of one-button shortwave selection that requires no knowledge of programme schedules or other transmission variables.

Over-the-air tests are planned for the beginning of 1995 and one can expect initial commercial implementation to follow in 1996.

MAYBE THE ABOVE IS EXCITING STUFF, but our reaction is best expressed by a YAWN, or simply "So what?" ID LOGIC SW doesn't improve the medium one iota as a LISTENING EXPERIENCE: it won't overcome QRM, QRN or aurora flutter. Guess today's generation would panic at the way the original National HRO was tuned: that big knob calibrated 0 to 500, with an accompanying frequency chart: but it's really kind of fun finding stations/frequencies that way, and by the time you got the antenna trimmer peaked and the crystal filter phased just right on those old radios and had Batavia or Harbin coming out of that big speaker you were indeed a shortwave listener/DXer. But now we have more and more technological razzle-dazzle in the form of automated radio listening that, again, doesn't make the listening any better, but, such as it is, more conveniently achieved: push a button and everything you want is accomplished. Is that the only way the SW medium can be marketed to today's generation? Obviously SW stations want more listeners and manufacturers want more gimmicks to make their products more saleable. So use technology to remove the fear of it; hide it all behind a push button.

HEARD ON MEDIA NETWORK this noon hour (21/4) before WRN failed again - they somehow lost RNW, tho' were back with RTE Dublin at 17:30 UTC - that R.L. Drake is to release an improved version of the R-8: the R-8A, reportedly to have better dynamic range and to be easier to operate. But the price, which had been just under a kilobuck, will now exceed it by a bit. And shouldn't forget the inclusion of 440 memory capacity, whatever those 440 stations are that one would want to remember. Heard on the same program - the remainder of which we had to hear during the 00:30 UTC Fri. xmsn on 9840; WRN had the 23:30 Thur. xmsn - that Lowe are finally bringing out the HF-250; Lowe to be at the Dayton Hamvention for the first time. WILL THEY EVER SOLVE THE RF DYNAMIC RANGE PROBLEM IN THESE SOLID-STATE RECEIVERS? Was ABSOLUTELY NO PROBLEM in the 1936 Hammarlund "Super Pro".

ADVANCE INFORMATION ON THE LOWE HF-250 (from the manufacturer via FINE TUNING):

The Lowe HF250 is set to become the new world standard for mid-priced receivers [etc.]... Many of the new features...have been suggested by owners of previous [Lowe] receivers...

Features: Frequency coverage 30 kHz to 30 MHz; Tuning step size 8 Hz; Back-lit display; Display...to 100 Hz [actually says "100 kHz", but assume this is a typo]; 225 memory channels [are there 225 stations one would want to remember?]; Memory channels store frequency, mode, filter selection and attenuator setting; Computer control via built-in RS232 port; RS232 reads to and from the radio for upload/download memories; Clock with 2 independent timers; Fixed level output for decoding and tape recording; Tape recorder switching output; Fast tuning in 10 kHz steps; 1 MHz up/down tuning; Mode selector carousel. [There is no notch filter provided; a necessity in our view.]

OPTIONS: Infra red keypad...; Synchronous detection [too bad a necessity (now) like this couldn't have been "standard"; would have broken the targeted pricing point?]

The HF250 has been designed with one purpose in mind:...to offer the user of an HF receiver which has performance potential of the best receivers on the market, but at a much more attractive price. We have concentrated on the real attributes which any HF receiver needs today - the reciprocal mixing and dynamic range. Thus we have a quiet [good noise figure] receiver which has better overload characteristics than many other sets, which lets you hear the stations that are there, and not some intermodulation products generated within the equipment itself. [Fine, indeed, but presumably the testing laboratories will provide statistical evidence in that regard.]

Other points: the 8 Hz tuning steps gives "VFO feel" with no need of RIT type fine tuning; a "fast tuning" provision is provided; the "standard" unit provides CW/USB/LSB/AM reception with synchronous and NBFM detection optional; AM selectivities are 10, 7 & 4 kHz - SSB, 2.2 kHz (12 kHz for NBFM). Most likely, considering Lowe's reputation, a very nice receiver.

WE HAVE JUST RECEIVED (propitiously, vide supra) information on a device called the SHORT WAVE BOOSTER manufactured and sold by DARCY SIGNAL ENHANCEMENT, RR2, EAKIN RD., BURNS LAKE, BC, CANADA VOJ 1EO). As with such devices it connects between the antenna and the receiver antenna input. Tho' called a "booster", which implies an untuned amplifier - remember the "boosters" that were used with television sets back in the 1950s? - generally broadband devices - this is a peakable amplifier using a 12 position switch with a fine tuning control (we suspect a tapped coil is being used). Two transistors are employed, one, presumably the input, being a FET. There is no indication as to the number of tuned circuits being used, but we suspect only one (otherwise two coils or sets of coils - antenna and RF - would be required.) The best preselectors generally have had two tuned circuits (we once used a home-made preselector with our old HQ 150 [because of higher frequency images] that had two tuned circuits and covered 10 - 30 MHz with a single antenna coil and RF coil; used a 6CB6 V.T. for amplification). The most elaborate preselector ever offered was manufactured by RME in the early post-war years: it had two stages of tuned RF amplification; in the pre-war years RME offered a receiver with their preselector of that time built in the cabnet with the receiver: plenty of preselection was the only way to combat images in the single conversion receivers of those days.

The frequency range of the Darcy unit is 150 kHz to 30 MHz, and being tunable, by means of two controls, should be more effective than untuned (broad band) preamplifiers, as the manufacturer suggests.

"You can", says the manufacturer, "use any length of end fed wire antenna [aerial], even a short indoor antenna [areial] will give good results. My SHORT WAVE BOOSTER will make a 3' indoor wire antenna [aerial] placed in a window sound better than a 200' outdoor wire antenna [pace Henry Hatch]. It will dramatically improve the reception of weak signals when used with any length of outdoor antenna [aerial] wire, whether it be a 5' wire or a 500' wire. I [Darcy Jabs] have been a shortwave listener for many years and have never found anything that works this good for bringing weak signals. It is equally effective for any mode of reception, AM, FM, SSB, CW, DIGITAL, etc."

The units power is provided by a 9 v. battery (not included), which will last a long time because of the low power drain. A 7.2 to 12 v. external adaptor can also be used.

An additional feature of this preselector is a high pass filter which removes the potential for "broadcast band" interference on shortwave. The filter can be switched out for BCB boosted reception.

The price of the unit is $59.95, a better price than similar devices currently being offered. Evidently the units are built as ordered; for $64.95 (US) will be shipped to any U.S. location (payment by money order only). For $10.00 extra a telescoping antenna is included on the unit, thus making it a tuneable active antenna.

Unless a preselector (tuneable preamp) is well designed there can be regeneration (feedback from output to imput). There have been preselectors made intentionally regenerative (controlled regeneration). We once obtained a Mizhuo preselector (sold by the Gilfer firm) which broke into oscillation (uncontrolled regeneration); some realignment cured the regeneration but compromised selectivity. (a complaint to the Gilfer firm elicited no response).

Tho' preselector type devices are generally thought of in connection with somewhat subpar receivers they can improve in regard to sensitivity/front end selectivity/intermod performance, even the prestegious Watkins-Johnson 8711/1000 has a preselector obtion available. Actually, the device consists of eleven seperate bandpass filters, each covering a segment of the receiver's tuning range, the receiver selecting the filter appropriate to the tuned frequency (the filter that includes that frequency in its passband). The purpose of the device is to improve the receiver's second order intermod performance; an admission that it isn't as good as it should be. We remember the McKay-Dymek receivers of some years ago had such poor intermod performance the optional passive (unamplified) preselector (tuneable) was a virtual necessity for anything approaching acceptable performance.

[A "THOUGHT FOR RATIONAL LIVING": If significance were measured in decibels, a ball game would be as loud as a butterfly's cough.]

WITH ALL OF THE TALK of preselectors here, we dug out the old RME DB22A we were given a number of years ago, and with a little inspection and clean up, attached it to our HQ 100A (also a "freebie", restored by our expert). And the RME unit performed very well with this receiver, much improving medium wave performance and eliminating images from shortwave (the 22A tunes from .54 to 42 MHz). We would not recommend this preselector with modern solid state receivers; tho' gain would be increased, and "front end" selectivity improved, noise figure would be degraded: maybe some clever person could figure out how to replace the 22A's 6BA6 tubes with low noise solid state devices (mosfets)! Believe 1953 was the last year the 22A was on the market (so called because the average gain of the unit is supposed to be 22 dB; replaced the pre-war DB 20, and was in turn replaced by the DB 23, an Amateur Band only unit using lower noise 6J6 triode tubes.)

JUST HEARD THAT ONE OF THE PROVISIONS of the Gingretch (Republican) Budget - intended to restore America to what it was before the vile New Deal and the socialistic morally and fiscally bankrupting programs that followed it - includes the termination of the VOICE OF AMERICA, the argument being that with CNN, etc. who needs it. (And the right wing is already so successful at getting its - the True American - mesage out via private sector broadcasters.)

REVIEW OF
INTERNATIONAL
BROADCASTING

GLENN HAUSER
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Bruce Berr 159&#/GL2/MB3
P O Box 651
Evanston IL 60204